

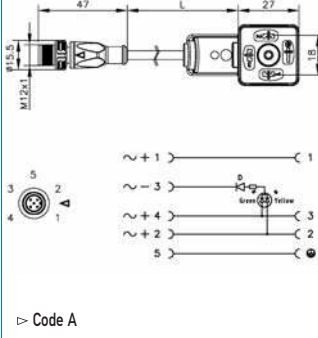
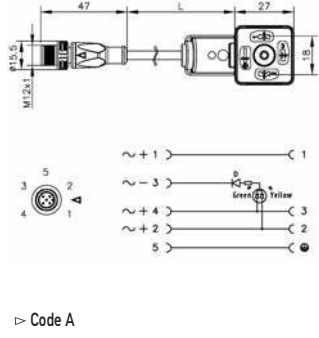
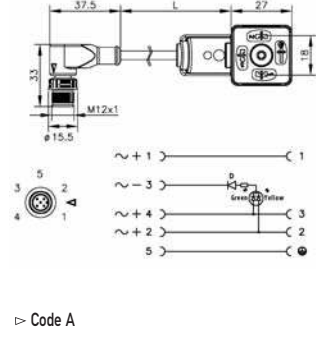
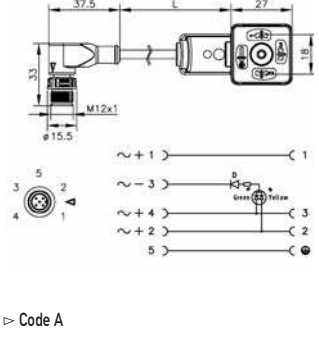


Product description		IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803
Standard		IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803
Construction type		A	A
Description	M12 male and P18 valve connector with moulded cable integrated gasket and central fixing screw	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)
Housing colour		black	black
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		PUR/PVC	PUR/PVC
Conductors specification		0,50 mm <sup>2</sup>	0,50 mm <sup>2</sup>
Cable length		1 m	1 m
Order no.		<b>JA634T54DP11100</b>	<b>JA634T54KP11100</b>
Other standard options	cable length 2m,	order no. <b>JA634T54DP11200</b>	order no. <b>JA634T54KP11200</b>
Cable jacket colour		black	black
Cable diameter +/-5%		5,5 mm	5,5 mm
Temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension	M12 ; valve connector	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
Voltage		24 V AC/DC	24 V AC/DC
Rated current max.		4 A	4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting	M12 ; valve connector	lock nut M12x1; central screw M3x28,5mm	lock nut M12x1; central screw M3x28,5mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m
<b>Material</b>			
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/ 61 GF blue; PA6 GF	PA6T/ 61 GF blue; PA6 GF
Overmoulding material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP67	IP67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder	M12 ; valve connector	UL; V0	UL; V0
Moulded housing		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	1 box	<b>JA634T54DP11100</b>	<b>JA634T54KP11100</b>
	2 boxes	<b>JA634T54DP11200</b>	<b>JA634T54KP11200</b>
Approximate weight per box		10...15 Kg	10...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Jumper Connectors JA series

MOULDED IN CABLE + M12



IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803
A	A	A	A
(PE) earth in H12 position function indicator bi-color LED for pressure switch device	(PE) earth in H6 position function indicator bi-color LED for pressure switch device	(PE) earth in H12 position function indicator bi-color LED for pressure switch device	(PE) earth in H6 position function indicator bi-color LED for pressure switch device
black	black	black	black
3 + PE	3 + PE	3 + PE	3 + PE
PUR/PVC	PUR/PVC	PUR/PVC	PUR/PVC
0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
1 m	1 m	1 m	1 m
<b>JA655P3YDP25100</b>	<b>JA656P3YDP25100</b>	<b>JA655P3YKP25100</b>	<b>JA656P3YKP25100</b>
order no. <b>JA655P3YDP25200</b>	order no. <b>JA656P3YDP25200</b>	order no. <b>JA655P3YKP25200</b>	order no. <b>JA656P3YKP25200</b>
black	black	black	black
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C
-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C
			
▷ Code A	▷ Code A	▷ Code A	▷ Code A
1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC
4 A	4 A	4 A	4 A
yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m
CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1	CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1	CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1	CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1
IP67	IP67	IP67	IP67
3	3	3	3
UL; V0 HB	UL; V0 HB	UL; V0 HB	UL; V0 HB
100 pieces <b>JA655P3YDP25100</b> <b>JA655P3YDP25200</b> 10...15 Kg 39 x 39 x 19,5 cm	100 pieces <b>JA656P3YDP25100</b> <b>JA656P3YDP25200</b> 10...15 Kg 39 x 39 x 19,5 cm	100 pieces <b>JA655P3YKP25100</b> <b>JA655P3YKP25200</b> 10...15 Kg 39 x 39 x 19,5 cm	100 pieces <b>JA656P3YKP25100</b> <b>JA656P3YKP25200</b> 10...15 Kg 39 x 39 x 19,5 cm

Form A - EN 175301-803 (DIN43650) / ISO 4400



<b>Product description</b>			
Standard		IEC 61076-2-101 ; INDUSTRIAL 11mm	IEC 61076-2-101 ; INDUSTRIAL 11mm
Construction type		B	B
Description	M12 male and P11 valve connector with moulded cable integrated gasket and central fixing screw	(PE) earth in H6 function indicator (LED) TVS protective circuit (transil)	(PE) earth in H12 function indicator (LED) TVS protective circuit (transil)
Housing colour		black	black
Number of contacts		2 + PE	2 + PE
Cable type		PUR/PVC	PUR/PVC
Conductors specification		0,50 mm <sup>2</sup>	0,50 mm <sup>2</sup>
Cable length		1 m	1 m
Order no.		<b>JB636T54DP11100</b>	<b>JB635T54DP11100</b>
Other standard options	cable length 2m,	order no. <b>JB636T54DP11200</b>	order no. <b>JB635T54DP11200</b>
Cable jacket colour		black	black
Cable diameter +/-5%		5,5 mm	5,5 mm
Temperature range	static application flexible application	-40°C to + 80°C -25°C to + 80°C	-40°C to + 80°C -25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension	M12 ; valve connector	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
Voltage		24 V AC/DC	24 V AC/DC
Rated current max.		4 A	4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M3 x 28,5mm	lock nut M12 x 1; central screw M3 x 28,5mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m
<b>Material</b>			
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/61 GF blue; PA6 GF	PA6T/61 GF blue; PA6 GF
Overmoulding material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP67	IP67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder	M12 ; valve connector	UL; V0	UL; V0
Moulded housing		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	1 box	<b>JB636T54DP11100</b>	<b>JB635T54DP11100</b>
	2 boxes	<b>JB636T54DP11200</b>	<b>JB635T54DP11200</b>
Approximate weight per box		10...15 Kg	10...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

# Jumper Connectors JB series

MOULDED IN CABLE + M12

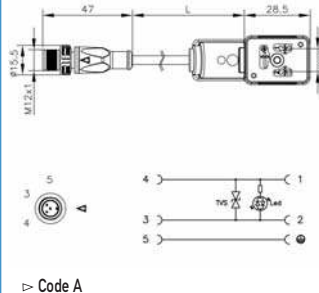
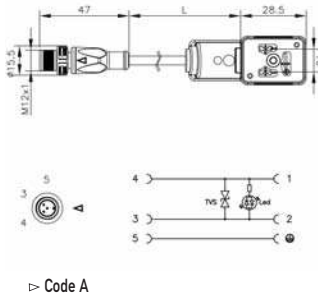


Form B INDUSTRIAL + M12

IEC 61076-2-101 ; INDUSTRIAL 11mm B	IEC 61076-2-101 ; INDUSTRIAL 11mm B		
(PE) earth in H6 function indicator (LED) TVS protective circuit (transil)	(PE) earth in H12 function indicator (LED) TVS protective circuit (transil)		
black	black		
2 + PE	2 + PE		
PUR/PVC	PUR/PVC		
0,50 mm <sup>2</sup>	0,50 mm <sup>2</sup>		
1 m	1 m		
<b>JB636T54KP11100</b>	<b>JB635T54KP11100</b>		
order no. <b>JB636T54KP11200</b>	order no. <b>JB635T54KP11200</b>		
black	black		
5,5 mm	5,5 mm		
-40°C to + 80°C	-40°C to + 80°C		
-25°C to + 80°C	-25°C to + 80°C		
<p>Code A</p>	<p>Code A</p>		
1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm		
24 V AC/DC	24 V AC/DC		
4 A	4 A		
TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W		
yellow	yellow		
15mΩ max.	15mΩ max.		
III	III		
lock nut M12 x 1; central screw M3 x 28,5mm	lock nut M12 x 1; central screw M3 x 28,5mm		
0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m		
CuSn gold plated; CuSn silver plated	CuSn gold plated; CuSn silver plated		
PA6T/61 GF blue; PA6 GF	PA6T/61 GF blue; PA6 GF		
TPU	TPU		
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1		
IP67	IP67		
3	3		
UL; V0	UL; V0		
HB	HB		
100 pieces	100 pieces		
<b>JB636T54KP11100</b>	<b>JB635T54KP11100</b>		
<b>JB636T54KP11200</b>	<b>JB635T54KP11200</b>		
10...15 Kg	10...15 Kg		
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm		



Form B - EN 175301-803 (DIN43650) / ISO 6952

<b>Product description</b>			
Standard		IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803
Construction type		B	B
Description	M12 male and P10 valve connector with moulded cable integrated gasket and central fixing screw	(PE) earth in H6 function indicator (LED) TVS protective circuit (transil)	(PE) earth in H12 function indicator (LED) TVS protective circuit (transil)
Housing colour		black	black
Number of contacts		2 + PE	2 + PE
Cable type		PUR/PVC	PUR/PVC
Conductors specification		0,50 mm <sup>2</sup>	0,50 mm <sup>2</sup>
Cable length		1 m	1 m
Order no.		<b>JE636T54DP11100</b>	<b>JE635T54DP11100</b>
Other standard options	cable length 2m,	order no. <b>JE636T54DP11200</b>	order no. <b>JE635T54DP11200</b>
Cable jacket colour		black	black
Cable diameter +/-5%		5,5 mm	5,5 mm
Temperature range	static application flexible application	-40°C to + 80°C -25°C to + 80°C	-40°C to + 80°C -25°C to + 80°C
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	M12 ; valve connector	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
Voltage		24 V AC/DC	24 V AC/DC
Rated current max.		4 A	4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M3 x 28,5mm	lock nut M12 x 1; central screw M3 x 28,5mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m
<b>Material</b>			
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/61 GF blue; PA6 GF	PA6T/61 GF blue; PA6 GF
Overmoulding material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP67	IP67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder	M12 ; valve connector	UL; V0	UL; V0
Moulded housing		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	1 box	<b>JE636T54DP11100</b>	<b>JE635T54DP11100</b>
	2 boxes	<b>JE636T54DP11200</b>	<b>JE635T54DP11200</b>
Approximate weight per box		10...15 Kg	10...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			



	IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803		
	B	B		
	(PE) earth in H6 function indicator (LED) TVS protective circuit (transil)	(PE) earth in H12 function indicator (LED) TVS protective circuit (transil)		
	black	black		
	2 + PE	2 + PE		
	PUR/PVC	PUR/PVC		
	0,50 mm <sup>2</sup>	0,50 mm <sup>2</sup>		
	1 m	1 m		
	<b>JE636T54KP11100</b>	<b>JE635T54KP11100</b>		
	order no. <b>JE636T54KP11200</b>	order no. <b>JE635T54KP11200</b>		
	black	black		
	5,5 mm	5,5 mm		
	-40°C to + 80°C	-40°C to + 80°C		
	-25°C to + 80°C	-25°C to + 80°C		
	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm		
	24 V AC/DC	24 V AC/DC		
	4 A	4 A		
	TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W		
	yellow	yellow		
	15mΩ max.	15mΩ max.		
	III	III		
	lock nut M12 x 1; central screw M3 x 28,5mm	lock nut M12 x 1; central screw M3 x 28,5mm		
	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m		
	CuSn gold plated; CuSn silver plated	CuSn gold plated; CuSn silver plated		
	PA6T/61 GF blue; PA6 GF	PA6T/61 GF blue; PA6 GF		
	TPU	TPU		
	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1		
	IP67	IP67		
	3	3		
	UL; V0	UL; V0		
	HB	HB		
	100 pieces	100 pieces		
	<b>JE636T54KP11100</b>	<b>JE635T54KP11100</b>		
	<b>JE636T54KP11200</b>	<b>JE635T54KP11200</b>		
	10...15 Kg	10...15 Kg		
	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm		

Form B - EN 175301-803 (DIN43650) / ISO 6952



## Jumper Connectors JD series

MOULDED IN CABLE



Product description		IEC 61076-2-101; INDUSTRIAL (9,4mm)	IEC 61076-2-101; INDUSTRIAL (9,4mm)
Standard		IEC 61076-2-101; INDUSTRIAL (9,4mm)	IEC 61076-2-101; INDUSTRIAL (9,4mm)
Construction type		C	C
Description	M12 male and P9,4 valve connector with moulded cable integrated gasket and central fixing screw	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)
Housing colour		M12=black ; P9,4=transparent	M12=black ; P9,4=transparent
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		PUR/PVC	PUR/PVC
Conductors specification		0,50 mm <sup>2</sup>	0,50 mm <sup>2</sup>
Cable length		1 m	1 m
Order no.		<b>JD634T54DP11100</b>	<b>JD634T54KP11100</b>
Other standard options	cable length 2m,	order no. <b>JD634T54DP11200</b>	order no. <b>JD634T54KP11200</b>
Cable jacket colour		black	black
Cable diameter +/-5%		5,5 mm	5,5 mm
Temperature range	static application flexible application	-40°C to + 80°C -25°C to + 80°C	-40°C to + 80°C -25°C to + 80°C
Drawing		<p>Technical drawing of the JD634T54DP11100 connector. It shows a side view with dimensions: 47mm total length, 15.2mm connector length, and 9.4mm pin spacing. A top view shows the M12x1 coupling nut and the 5-pin configuration (pins 1, 2, 3, 4, 5). A circuit diagram shows a TVS diode connected between pins 1 and 2, and a central screw (M3 x 23mm) for mounting. The drawing is labeled 'Code A'.</p>	<p>Technical drawing of the JD634T54KP11100 connector. It shows a side view with dimensions: 37.5mm total length, 15.2mm connector length, and 9.4mm pin spacing. A top view shows the M12x1 coupling nut and the 5-pin configuration (pins 1, 2, 3, 4, 5). A circuit diagram shows a TVS diode connected between pins 1 and 2, and a central screw (M3 x 23mm) for mounting. The drawing is labeled 'Code A'.</p>
Technical data			
Pin dimension	M12 ; valve connector	1 mm; 3,6 x 0,5mm / 2,8 x 0,5mm	1 mm; 3,6 x 0,5mm / 2,8 x 0,5mm
Rated voltage		24 V AC/DC	24 V AC/DC
Rated current max.		4 A	4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M3 x 23mm	lock nut M12 x 1; central screw M3 x 23mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m; 0,3 - 0,5 N/m	0,5 - 0,8 N/m; 0,3 - 0,5 N/m
Material			
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/61 GF blue; PA6 GF	PA6T/61 GF blue; PA6 GF
Overmoulding material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Environmental conditions			
Protection class (EN 60529)		IP67	IP67
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder	M12 ; valve connector	UL; V0	UL; V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	1 box 2 boxes	<b>JD634T54DP11100</b> <b>JD634T54DP11200</b>	<b>JD634T54KP11100</b> <b>JD634T54KP11200</b>
Approximate weight per box		10...15 Kg	10...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Notes			
Technical specifications on cables and accessories see pages 171-175			

Form C - INDUSTRIAL + M12





## Jumper connectors YB series

MOULDED IN CABLE + M12 Y DISTRIBUTOR



Product description		
Standard		IEC 61076-2-101 ; INDUSTRIAL 11mm
Construction type		B
Description	M12 Y male distributor and P11 valve connector with moulded cable, integrated gasket and central fixing screw	(PE) earth in H6 function indicator (LED) TVS protective circuit (transil)
Housing colour		black
Number of contacts		2 + PE
Cable type		PUR/PVC
Conductors specification		0,50 mm <sup>2</sup>
Cable length		1 m
Order no.		<b>YB636T54DP11100</b>
Other standard options	cable length 2m,	order no. <b>YB636T54DP11200</b>
Cable jacket colour		black
Cable diameter +/-5%		5,5 mm
Temperature range	static application	-40°C to + 80°C
	flexible application	-25°C to + 80°C
Drawing		
		<p>Code A</p>
Technical data		
Pin dimension	M12 ; valve connector	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
Voltage		24 V AC/DC
Rated current max.		4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W
LED colour		yellow
Contact resistance		15mΩ max.
Overvoltage category		III
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M3 x 28,5mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m; 0,3 - 0,5 N/m
Material		
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/61 GF blue; PA6 GF
Overmoulding material		TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1
Environmental conditions		
Protection class (EN 60529)		IP67
Pollution severity (EN 60664-1)		3
Inflammability class	M12 ; valve connector	UL; V0
Contact holder		HB
Moulded housing		HB
Packaging		
Minimum quantity		100 pieces 1 box
Number of boxes suitable :	1 box	<b>YB636T54DP11100</b>
	2 boxes	<b>YB636T54DP11200</b>
Approximate weight per box		10...15 Kg
Box dimension		39 x 39 x 19,5 cm
Notes		
Technical specifications on cables and accessories see pages 171-175		

Form B - INDUSTRIAL + M12Y Distributor



Product description		
Standard		IEC 61076-2-101 ; EN175301-803
Construction type		B
Description	M12 Y male distributor and P10 valve connector with moulded cable, integrated gasket and central fixing screw	(PE) earth in H6 function indicator (LED) TVS protective circuit (transil)
Housing colour		black
Number of contacts		2 + PE
Cable type		PUR/PVC
Conductors specification		0,50 mm <sup>2</sup>
Cable length		1 m
Order no.		<b>YE636T54DP11100</b>
Other standard options	cable length 2m,	order no. <b>YE636T54DP11200</b>
Cable jacket colour		black
Cable diameter +/-5%		5,5 mm
Temperature range	static application	-40°C to + 80°C
	flexible application	-25°C to + 80°C
Drawing		
		<p>▷ Code A</p>
		<p>▷ Code A</p>
Technical data		
Pin dimension	M12 ; valve connector	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
Voltage		24 V AC/DC
Rated current max.		4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W
LED colour		yellow
Contact resistance		15mΩ max.
Overvoltage category		III
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M3 x 28,5mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m; 0,3 - 0,5 N/m
Material		
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T / 61 GF blue; PA6 GF
Overmoulding material		TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1
Environmental conditions		
Protection class (EN 60529)		IP67
Pollution severity (EN 60664-1)		3
Inflammability class		
Contact holder	M12 ; valve connector	UL; V0
Moulded housing		HB
Packaging		
Minimum quantity		100 pieces
Number of boxes suitable:	1 box	<b>YE636T54DP11100</b>
	2 boxes	<b>YE636T54DP11200</b>
Approximate weight per box		10...15 Kg
Box dimension		39 x 39 x 19,5 cm
Notes		
Technical specifications on cables and accessories see pages 171-175		

## Jumper connectors YC series

MOULDED IN CABLE + M12 Y DISTRIBUTOR



Product description		
Standard		IEC 61076-2-101 ; EN175301-803
Construction type		C
Description	M12 Y male distributor and P8 valve connector with moulded cable, integrated gasket and central fixing screw	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)
Housing colour		M12 = black ; P8 = transparent
Number of contacts		2 + PE / PE bridged
Cable type		PUR/PVC
Conductors specification		0,50 mm <sup>2</sup>
Cable length		1 m
Order no.		<b>YC634T54DP11100</b>
Other standard options	cable length 2m,	order no. <b>YC634T54DP11200</b>
Cable jacket colour		black
Cable diameter +/-5%		5,5 mm
Temperature range	static application	-40°C to + 80°C
	flexible application	-25°C to + 80°C
Drawing		
		<p>▷ Code A</p>
Technical data		
Pin dimension	M12 ; valve connector	1 mm ; 3,6 x 0,8mm / 2,8 x 0,8mm
Voltage		24 V AC/DC
Rated current max.		4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W
LED colour		yellow
Contact resistance		15mΩ max.
Overvoltage category		III
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M2,5 x 23mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m; 0,3 - 0,4 N/m
Material		
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/61 GF blue; PA6 GF
Overmoulding material		TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1
Environmental conditions		
Protection class (EN 60529)		IP67
Pollution severity (EN 60664-1)		3
Inflammability class		
Contact holder	M12 ; valve connector	UL; V0
Moulded housing		HB
Packaging		
Minimum quantity		100 pieces
Number of boxes suitable:	1 box	<b>YC634T54DP11100</b>
	2 boxes	<b>YC634T54DP11200</b>
Approximate weight per box		10...15 Kg
Box dimension		39 x 39 x 19,5 cm
Notes		
		Technical specifications on cables and accessories see pages 171-175

Form C - EN 175301 + M12 Y Distributor



<b>Product description</b>			
Standard		IEC 61076-2-101; INDUSTRIAL (9,4mm)	
Construction type		C	
Description		M12 Y straight male distributor and P9,4 valve connector with moulded cable, integrated gasket and central fixing screw (PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)	
Housing colour		M12= black ; P9,4 = transparent	
Number of contacts		2 + PE / PE bridged	
Cable type		PUR/PVC	
Conductors specification		0,50 mm <sup>2</sup>	
Cable length		1 m	
Order no.		<b>YD634T54DP11100</b>	
Other standard options	cable length 2m,	order no. <b>YD634T54DP11200</b>	
Cable jacket colour		black	
Cable diameter +/-5%		5,5 mm	
Temperature range	static application	-40°C to + 80°C	
	flexible application	-25°C to + 80°C	
<b>Drawing</b>		<p>&gt; Code A</p>	
<b>Technical data</b>			
Pin dimension	M12 ; valve connector	1 mm; 3,6 x 0,5mm / 2,8 x 0,5mm	
Voltage		24 V AC/DC	
Rated current max.		4 A	
Suppressor		TVS Vbr max.=37,8V Peak =400W	
LED colour		yellow	
Contact resistance		15mΩ max.	
Overvoltage category		III	
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M3 x 23mm	
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m; 0,3 - 0,5 N/m	
<b>Material</b>			
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated	
Contact holder material	M12 ; valve connector	PA6T / 61 GF blue; PA6 GF	
Overmoulding material		TPU	
Coupling nut material		Zamak 15 / ZnAl4Cu1	
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP67	
Pollution severity (EN 60664-1)		3	
<b>Inflammability class</b>			
Contact holder	M12 ; valve connector	UL; V0	
Moulded housing		HB	
<b>Packaging</b>			
Minimum quantity		100 pieces	
Number of boxes suitable:	1 box	<b>YD634T54DP11100</b>	
	2 boxes	<b>YD634T54DP11200</b>	
Approximate weight per box		10...15 Kg	
Box dimension		39 x 39 x 19,5 cm	
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			



M12 Straight Male

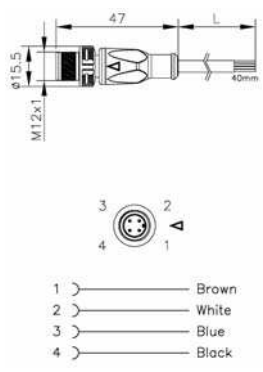
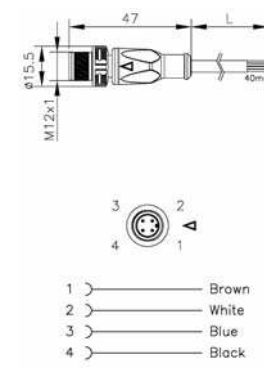
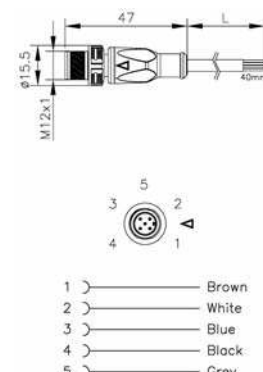
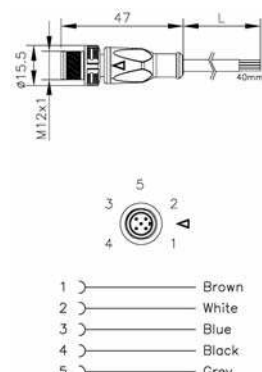
Product description		IEC 61076-2-101	IEC 61076-2-101
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D Style LM	D Style LM
Description		Non-rewireable connector, straight version with M12 locking nut, male contacts	Non-rewireable connector, straight version with M12 locking nut, male contacts
Housing colour		black	black
Type of contact		male	male
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LiY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>AD12S3C34200</b>	<b>AD12S3P34200</b>
Other standard options	cable length 5m, cable length 10m,	order no. <b>AD12S3C34500</b> order no. <b>AD12S3C3410X</b>	order no. <b>AD12S3P34500</b> order no. <b>AD12S3P3410X</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application flexible application	-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C
Drawing		<p>▷ Code A</p>	<p>▷ Code A</p>
Technical data			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
Material			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Environmental conditions			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder material		UL	UL
Housing material		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable :	2 boxes	<b>AD12S3C34200</b>	<b>AD12S3P34200</b>
	2 boxes	<b>AD12S3C34500</b>	<b>AD12S3P34500</b>
	4 boxes	<b>AD12S3C3410X</b>	<b>AD12S3P3410X</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Notes			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors **AD12** series

MOULDED IN CABLE + M12



# M12 straight Male

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D Style LM	D Style LM	D Style LM	D Style LM
Non-rewireable connector, straight version with M12 locking nut, male contacts	Non-rewireable connector, straight version with M12 locking nut, male contacts	Non-rewireable connector, straight version with M12 locking nut, male contacts	Non-rewireable connector, straight version with M12 locking nut, male contacts
black	black	black	black
male	male	male	male
4	4	5	5
PVC CEI 2022 II O.R.	PUR LiY11Y	PVC CEI 2022 II O.R.	PUR LiY11Y
0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
2 m	2 m	2 m	2 m
<b>AD12S4C34200</b>	<b>AD12S4P34200</b>	<b>AD12S5C25200</b>	<b>AD12S5P25200</b>
order no. <b>AD12S4C34500</b>	order no. <b>AD12S4P34500</b>	order no. <b>AD12S5C25500</b>	order no. <b>AD12S5P25500</b>
order no. <b>AD12S4C3410X</b>	order no. <b>AD12S4P3410X</b>	order no. <b>AD12S5C2510X</b>	order no. <b>AD12S5P2510X</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C
	-25°C to + 80°C		-25°C to + 80°C
 <p>▷ Code A</p>	 <p>▷ Code A</p>	 <p>▷ Code A</p>	 <p>▷ Code A</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>AD12S4C34200</b>	<b>AD12S4P34200</b>	<b>AD12S5C25200</b>	<b>AD12S5P25200</b>
<b>AD12S4C34500</b>	<b>AD12S4P34500</b>	<b>AD12S5C25500</b>	<b>AD12S5P25500</b>
<b>AD12S4C3410X</b>	<b>AD12S4P3410X</b>	<b>AD12S5C2510X</b>	<b>AD12S5P2510X</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



Product description		IEC 61076-2-101	IEC 61076-2-101
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D Style MM	D Style MM
Description		Non-rewireable connector, right angled version with M12 locking nut, male contacts	Non-rewireable connector, right angled version with M12 locking nut, male contacts
Housing colour		black	black
Type of contact		male	male
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LiY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>AK12S3C34200</b>	<b>AK12S3P34200</b>
Other standard options	cable length 5m, cable length 10m,	order no. <b>AK12S3C34500</b> order no. <b>AK12S3C3410X</b>	order no. <b>AK12S3P34500</b> order no. <b>AK12S3P3410X</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application flexible application	-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C
Drawing		<p>&gt; Code A</p>	<p>&gt; Code A</p>
Technical data			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
Material			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Environmental conditions			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder material		UL	UL
Housing material		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>AK12S3C34200</b>	<b>AK12S3P34200</b>
	2 boxes	<b>AK12S3C34500</b>	<b>AK12S3P34500</b>
	4 boxes	<b>AK12S3C3410X</b>	<b>AK12S3P3410X</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Notes			
Technical specifications on cables and accessories see pages 171-175			



## Circular Connectors **AK12** series

MOULDED IN CABLE

M12 Angled Male



IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D Style MM	D Style MM	D Style MM	D Style MM
Non-rewireable connector, right angled version with M12 locking nut, male contacts	Non-rewireable connector, right angled version with M12 locking nut, male contacts	Non-rewireable connector, right angled version with M12 locking nut, male contacts	Non-rewireable connector, right angled version with M12 locking nut, male contacts
black	black	black	black
male	male	male	male
4	4	5	5
PVC CEI 2022 II O.R.	PUR LiY11Y	PVC CEI 2022 II O.R.	PUR LiY11Y
0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
2 m	2 m	2 m	2 m
<b>AK12S4C34200</b>	<b>AK12S4P34200</b>	<b>AK12S5C25200</b>	<b>AK12S5P25200</b>
order no. <b>AK12S4C34500</b>	order no. <b>AK12S4P34500</b>	order no. <b>AK12S5C25500</b>	order no. <b>AK12S5P25500</b>
order no. <b>AK12S4C3410X</b>	order no. <b>AK12S4P3410X</b>	order no. <b>AK12S5C2510X</b>	order no. <b>AK12S5P2510X</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C
<p>Code A</p> <p>1 → Brown 2 → White 3 → Blue 4 → Black</p>	<p>Code A</p> <p>1 → Brown 2 → White 3 → Blue 4 → Black</p>	<p>Code A</p> <p>1 → Brown 2 → White 3 → Blue 4 → Black 5 → Grey</p>	<p>Code A</p> <p>1 → Brown 2 → White 3 → Blue 4 → Black 5 → Grey</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>AK12S4C34200</b>	<b>AK12S4P34200</b>	<b>AK12S5C25200</b>	<b>AK12S5P25200</b>
<b>AK12S4C34500</b>	<b>AK12S4P34500</b>	<b>AK12S5C25500</b>	<b>AK12S5P25500</b>
<b>AK12S4C3410X</b>	<b>AK12S4P3410X</b>	<b>AK12S5C2510X</b>	<b>AK12S5P2510X</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



## M12 Straight Female

Product description			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D Style LF	D Style LF
Description		Non-rewireable connector, straight version with M12 locking nut, female contacts	Non-rewireable connector, straight version with M12 locking nut, female contacts
Housing colour		black	black
Type of contact		female	female
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LiY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>AD12B3C34200</b>	<b>AD12B3P34200</b>
Other standard options	cable length 5m, cable length 10m,	order no. <b>AD12B3C34500</b> order no. <b>AD12B3C3410X</b>	order no. <b>AD12B3P34500</b> order no. <b>AD12B3P3410X</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application flexible application	-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		UL	UL
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable :	2 boxes	<b>AD12B3C34200</b>	<b>AD12B3P34200</b>
	2 boxes	<b>AD12B3C34500</b>	<b>AD12B3P34500</b>
	4 boxes	<b>AD12B3C3410X</b>	<b>AD12B3P3410X</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors **AD12** series

MOULDED IN CABLE



M12 Straight Female

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D Style LF	D Style LF	D Style LF	D Style LF
Non-rewireable connector, straight version with M12 locking nut, female contacts	Non-rewireable connector, straight version with M12 locking nut, female contacts	Non-rewireable connector, straight version with M12 locking nut, female contacts	Non-rewireable connector, straight version with M12 locking nut, female contacts
black	black	black	black
female	female	female	female
4	4	5	5
PVC CEI 2022 II O.R.	PUR LiY11Y	PVC CEI 2022 II O.R.	PUR LiY11Y
0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
2 m	2 m	2 m	2 m
<b>AD12B4C34200</b>	<b>AD12B4P34200</b>	<b>AD12B5C25200</b>	<b>AD12B5P25200</b>
order no. <b>AD12B4C34500</b>	order no. <b>AD12B4P34500</b>	order no. <b>AD12B5C25500</b>	order no. <b>AD12B5P25500</b>
order no. <b>AD12B4C3410X</b>	order no. <b>AD12B4P3410X</b>	order no. <b>AD12B5C2510X</b>	order no. <b>AD12B5P2510X</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C
	-25°C to + 80°C		-25°C to + 80°C
<p>Code A</p>	<p>Code A</p>	<p>Code A</p>	<p>Code A</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1
Viton	Viton	Viton	Viton
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>AD12B4C34200</b>	<b>AD12B4P34200</b>	<b>AD12B5C25200</b>	<b>AD12B5P25200</b>
<b>AD12B4C34500</b>	<b>AD12B4P34500</b>	<b>AD12B5C25500</b>	<b>AD12B5P25500</b>
<b>AD12B4C3410X</b>	<b>AD12B4P3410X</b>	<b>AD12B5C2510X</b>	<b>AD12B5P2510X</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



## M12 Angled Female

Product description			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D Style MF	D Style MF
Description		Non-rewireable connector, right angled version with M12 locking nut, female contacts	Non-rewireable connector, right angled version with M12 locking nut, female contacts
Housing colour		black	black
Type of contact		female	female
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LIY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>AK12B3C34200</b>	<b>AK12B3P34200</b>
Other standard options	cable length 5m, cable length 10m,	order no. <b>AK12B3C34500</b> order no. <b>AK12B3C3410X</b>	order no. <b>AK12B3P34500</b> order no. <b>AK12B3P3410X</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application flexible application	-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C
<b>Drawing</b>		<p>Code A</p>	<p>Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		UL	UL
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>AK12B3C34200</b>	<b>AK12B3P34200</b>
	2 boxes	<b>AK12B3C34500</b>	<b>AK12B3P34500</b>
	4 boxes	<b>AK12B3C3410X</b>	<b>AK12B3P3410X</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors AK12 series

MOULDED IN CABLE



M12 Angled Female

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D Style MF	D Style MF	D Style MF	D Style MF
Non-rewireable connector, right angled version with M12 locking nut, female contacts	Non-rewireable connector, right angled version with M12 locking nut, female contacts	Non-rewireable connector, right angled version with M12 locking nut, female contacts	Non-rewireable connector, right angled version with M12 locking nut, female contacts
black	black	black	black
female	female	female	female
4	4	5	5
PVC CEI 2022 II O.R.	PUR LiY11Y	PVC CEI 2022 II O.R.	PUR LiY11Y
0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
2 m	2 m	2 m	2 m
<b>AK12B4C34200</b>	<b>AK12B4P34200</b>	<b>AK12B5C25200</b>	<b>AK12B5P25200</b>
order no. <b>AK12B4C34500</b>	order no. <b>AK12B4P34500</b>	order no. <b>AK12B5C25500</b>	order no. <b>AK12B5P25500</b>
order no. <b>AK12B4C3410X</b>	order no. <b>AK12B4P3410X</b>	order no. <b>AK12B5C2510X</b>	order no. <b>AK12B5P2510X</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C
	-25°C to + 80°C		-25°C to + 80°C
<p>Code A</p>	<p>Code A</p>	<p>Code A</p>	<p>Code A</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1	Zamak 15 / ZnA14Cu1
Viton	Viton	Viton	Viton
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>AK12B4C34200</b>	<b>AK12B4P34200</b>	<b>AK12B5C25200</b>	<b>AK12B5P25200</b>
<b>AK12B4C34500</b>	<b>AK12B4P34500</b>	<b>AK12B5C25500</b>	<b>AK12B5P25500</b>
<b>AK12B4C3410X</b>	<b>AK12B4P3410X</b>	<b>AK12B5C2510X</b>	<b>AK12B5P2510X</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



M12 - 8 Poles

<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D Style LM	D Style MM
Description		Non-rewireable connector, straight version with M12 locking nut, male contacts	Non-rewireable connector, right angled version with M12 locking nut, male contacts
Housing colour		black	black
Type of contact		male	male
Number of contacts		8	8
Cable type		PUR	PUR
Conductor specification		0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>AG12S8U25200</b>	<b>AW12S8U25200</b>
Other standard options	cable length 5m,	order no. <b>AG12S8U25500</b>	order no. <b>AW12S8U25500</b>
	cable length 10m,	order no. <b>AG12S8U2510X</b>	order no. <b>AW12S8U2510X</b>
Cable jacket colour		grey	grey
Conductor colours		white - brown - green - yellow grey - pink - blue - red	white - brown - green - yellow grey - pink - blue - red
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension		0,8 mm	0,8 mm
Rated voltage max.		30 V AC/DC	30 V AC/DC
Rated current max.		2 A	2 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6 GF black	PA6 GF black
Housing material		TPU	TPU
Coupling nut material		CuZn Nickel plated	CuZn Nickel plated
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		HB	HB
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>AG12S8U25200</b>	<b>AW12S8U25200</b>
	2 boxes	<b>AG12S8U25500</b>	<b>AW12S8U25500</b>
	4 boxes	<b>AG12S8U2510X</b>	<b>AW12S8U2510X</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

# Circular Connectors **AG12-AW12** series

MOULDED IN CABLE



M12 - 8 Poles

IEC 61076-2-101	IEC 61076-2-101		
D Style LF	D Style MF		
Non-rewireable connector, straight version with M12 locking nut, female contacts	Non-rewireable connector, angled version with M12 locking nut, female contacts		
black	black		
female	female		
8	8		
PUR	PUR		
0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>		
2 m	2 m		
<b>AG12B8U25200</b>	<b>AW12B8U25200</b>		
order no. <b>AG12B8U25500</b>	order no. <b>AW12B8U25500</b>		
order no. <b>AG12B8U2510X</b>	order no. <b>AW12B8U2510X</b>		
grey	grey		
white - brown - green - yellow grey - pink - blue - red	white - brown - green - yellow grey - pink - blue - red		
5,0 mm	5,0 mm		
-40°C to + 80°C	-40°C to + 80°C		
-25°C to + 80°C	-25°C to + 80°C		
<p>▷ Code A</p>	<p>▷ Code A</p>		
0,8 mm	0,8 mm		
30 V AC/DC	30 V AC/DC		
2 A	2 A		
≤ 10 mΩ	≤ 10 mΩ		
Lock nut M12 x 1	Lock nut M12 x 1		
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m		
CuSn gold plated	CuSn gold plated		
PA6 GF black	PA6 GF black		
TPU	TPU		
CuZn Nikel plated	CuZn Nikel plated		
Viton	Viton		
IP 67	IP 67		
3	3		
HB	HB		
HB	HB		
100 pieces	100 pieces		
<b>AG12B8U25200</b>	<b>AW12B8U25200</b>		
<b>AG12B8U25500</b>	<b>AW12B8U25500</b>		
<b>AG12B8U2510X</b>	<b>AW12B8U2510X</b>		
10...12 Kg	10...12 Kg		
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm		



M12 / M12 Extension

<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D LM and LF style	D LM and LF style
Description		Non-rewireable connector with M12 locking nut male and female straight version	Non-rewireable connector with M12 locking nut male and female straight version
Housing colour		black	black
Type of contact		male + female	male + female
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LiY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>ED2BD2S3C34200</b>	<b>ED2BD2S3P34200</b>
Other standard options	cable length 1,0m,	order no. <b>ED2BD2S3C34100</b>	order no. <b>ED2BD2S3P34100</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application	-15°C to + 70°C	-40°C to + 80°C
	flexible application		-25°C to + 80°C
<b>Drawing</b>		<p>&gt; Code A</p>	<p>&gt; Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		UL	UL
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>ED2BD2S3C34200</b>	<b>ED2BD2S3P34200</b>
	1 box	<b>ED2BD2S3C34100</b>	<b>ED2BD2S3P34100</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			



## Circular Connectors ED2 series

MOLDED CABLE CONNECTOR



M12 / M12 Extension

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D LM and LF style	D LM and LF style	D LM and LF style	D LM and LF style
Non-rewireable connector with M12 locking nut male and female straight version	Non-rewireable connector with M12 locking nut male and female straight version	Non-rewireable connector with M12 locking nut male and female straight version	Non-rewireable connector with M12 locking nut male and female straight version
black	black	black	black
male + female	male + female	male + female	male + female
4	4	5	5
PVC CEI 2022 II O.R. 0,34 mm <sup>2</sup> 2 m	PUR LiY11Y 0,34 mm <sup>2</sup> 2 m	PVC CEI 2022 II O.R. 0,25 mm <sup>2</sup> 2 m	PUR LiY11Y 0,25 mm <sup>2</sup> 2 m
<b>ED2BD2S4C34200</b>	<b>ED2BD2S4P34200</b>	<b>ED2BD2S5C25200</b>	<b>ED2BD2S5P25200</b>
order no. <b>ED2BD2S4C34100</b>	order no. <b>ED2BD2S4P34100</b>	order no. <b>ED2BD2S5C25100</b>	order no. <b>ED2BD2S5P25100</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C
<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Viton	Viton	Viton	Viton
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>ED2BD2S4C34200</b>	<b>ED2BD2S4P34200</b>	<b>ED2BD2S5C25200</b>	<b>ED2BD2S5P25200</b>
<b>ED2BD2S4C34100</b>	<b>ED2BD2S4P34100</b>	<b>ED2BD2S5C25100</b>	<b>ED2BD2S5P25100</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D LM and MF style	D LM and MF style
Description		Non-rewireable connector with M12 locking nut male straight and female right angled version	Non-rewireable connector with M12 locking nut male straight and female right angled version
Housing colour		black	black
Type of contact		male + female	male + female
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LIY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>EK2BD2S3C34200</b>	<b>EK2BD2S3P34200</b>
Other standard options	cable length 1,0m,	order no. <b>EK2BD2S3C34100</b>	order no. <b>EK2BD2S3P34100</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application	-15°C to + 70°C	-40°C to + 80°C
	flexible application		-25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		UL	UL
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>EK2BD2S3C34200</b>	<b>EK2BD2S3P34200</b>
	1 box	<b>EK2BD2S3C34100</b>	<b>EK2BD2S3P34100</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors EK2 series

MOULDED IN CABLE



M12 / M12 Extension

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D LM and MF style	D LM and MF style	D LM and MF style	D LM and MF style
Non-rewireable connector with M12 locking nut male straight and female right angled version	Non-rewireable connector with M12 locking nut male straight and female right angled version	Non-rewireable connector with M12 locking nut male straight and female right angled version	Non-rewireable connector with M12 locking nut male straight and female right angled version
black	black	black	black
male + female	male + female	male + female	male + female
4	4	5	5
PVC CEI 2022 II O.R.	PUR LiY11Y	PVC CEI 2022 II O.R.	PUR LiY11Y
0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
2 m	2 m	2 m	2 m
<b>EK2BD2S4C34200</b>	<b>EK2BD2S4P34200</b>	<b>EK2BD2S5C25200</b>	<b>EK2BD2S5P25200</b>
order no. <b>EK2BD2S4C34100</b>	order no. <b>EK2BD2S4P34100</b>	order no. <b>EK2BD2S5C25100</b>	order no. <b>EK2BD2S5P25100</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C
	-25°C to + 80°C		-25°C to + 80°C
<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Viton	Viton	Viton	Viton
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>EK2BD2S4C34200</b>	<b>EK2BD2S4P34200</b>	<b>EK2BD2S5C25200</b>	<b>EK2BD2S5P25200</b>
<b>EK2BD2S4C34100</b>	<b>EK2BD2S4P34100</b>	<b>EK2BD2S5C25100</b>	<b>EK2BD2S5P25100</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D MM and LF style	D MM and LF style
Description		Non-rewireable connector with M12 locking nut male right angled and female straight version	Non-rewireable connector with M12 locking nut male right angled and female straight version
Housing colour		black	black
Type of contact		male + female	male + female
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LIY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>ED2BK2S3C34200</b>	<b>ED2BK2S3P34200</b>
Other standard options	cable length 1,0m,	order no. <b>ED2BK2S3C34100</b>	order no. <b>ED2BK2S3P34100</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application flexible application	-15°C to + 70°C	-40°C to + 80°C -25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		UL	UL
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>ED2BK2S3C34200</b>	<b>ED2BK2S3P34200</b>
	1 box	<b>ED2BK2S3C34100</b>	<b>ED2BK2S3P34100</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors ED2 series

MOLDED CABLE CONNECTOR



M12 / M12 Extension

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D MM and LF style	D MM and LF style	D MM and LF style	D MM and LF style
Non-rewireable connector with M12 locking nut male right angled and female straight version	Non-rewireable connector with M12 locking nut male right angled and female straight version	Non-rewireable connector with M12 locking nut male right angled and female straight version	Non-rewireable connector with M12 locking nut male right angled and female straight version
black	black	black	black
male + female	male + female	male + female	male + female
4	4	5	5
PVC CEI 2022 II O.R.	PUR LiY11Y	PVC CEI 2022 II O.R.	PUR LiY11Y
0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
2 m	2 m	2 m	2 m
<b>ED2BK2S4C34200</b>	<b>ED2BK2S4P34200</b>	<b>ED2BK2S5C25200</b>	<b>ED2BK2S5P25200</b>
order no. <b>ED2BK2S4C34100</b>	order no. <b>ED2BK2S4P34100</b>	order no. <b>ED2BK2S5C25100</b>	order no. <b>ED2BK2S5P25100</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C
	-25°C to + 80°C		-25°C to + 80°C
<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Viton	Viton	Viton	Viton
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>ED2BK2S4C34200</b>	<b>ED2BK2S4P34200</b>	<b>ED2BK2S5C25200</b>	<b>ED2BK2S5P25200</b>
<b>ED2BK2S4C34100</b>	<b>ED2BK2S4P34100</b>	<b>ED2BK2S5C25100</b>	<b>ED2BK2S5P25100</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D MM and MF style	D MM and MF style
Description		Non-rewireable connector with M12 locking nut male and female right angled version	Non-rewireable connector with M12 locking nut male and female right angled version
Housing colour		black	black
Type of contact		male + female	male + female
Number of contacts		3	3
Cable type		PVC CEI 2022 II O.R.	PUR LIY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>EK2BK2S3C34200</b>	<b>EK2BK2S3P34200</b>
Other standard options	cable length 1,0m,	order no. <b>EK2BK2S3C34100</b>	order no. <b>EK2BK2S3P34100</b>
Cable jacket colour		grey RAL7035	black matt
Conductor colours		brown - blue - black	brown - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application	-15°C to + 70°C	-40°C to + 80°C
	flexible application		-25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		250 V AC/DC	250 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		UL	UL
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>EK2BK2S3C34200</b>	<b>EK2BK2S3P34200</b>
	1 box	<b>EK2BK2S3C34100</b>	<b>EK2BK2S3P34100</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors EK2 series

MOULDED IN CABLE



M12 / M12 Extension

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D MM and MF style	D MM and MF style	D MM and MF style	D MM and MF style
Non-rewireable connector with M12 locking nut male and female right angled version	Non-rewireable connector with M12 locking nut male and female right angled version	Non-rewireable connector with M12 locking nut male and female right angled version	Non-rewireable connector with M12 locking nut male and female right angled version
black	black	black	black
male + female	male + female	male + female	male + female
4	4	5	5
PVC CEI 2022 II O.R.	PUR LiY11Y	PVC CEI 2022 II O.R.	PUR LiY11Y
0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
2 m	2 m	2 m	2 m
<b>EK2BK2S4C34200</b>	<b>EK2BK2S4P34200</b>	<b>EK2BK2S5C25200</b>	<b>EK2BK2S5P25200</b>
order no. <b>EK2BK2S4C34100</b>	order no. <b>EK2BK2S4P34100</b>	order no. <b>EK2BK2S5C25100</b>	order no. <b>EK2BK2S5P25100</b>
grey RAL7035	black matt	grey RAL7035	black matt
brown - white - blue - black	brown - white - blue - black	brown - black - grey - blue - white	brown - black - grey - blue - white
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°C	-40°C to + 80°C	-15°C to + 70°C	-40°C to + 80°C
	-25°C to + 80°C		-25°C to + 80°C
<p>Code A</p>	<p>Code A</p>	<p>Code A</p>	<p>Code A</p>
1 mm	1 mm	1 mm	1 mm
250 V AC/DC	250 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1	Lock nut M12 x 1
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Viton	Viton	Viton	Viton
IP 67	IP 67	IP 67	IP 67
3	3	3	3
UL	UL	UL	UL
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>EK2BK2S4C34200</b>	<b>EK2BK2S4P34200</b>	<b>EK2BK2S5C25200</b>	<b>EK2BK2S5P25200</b>
<b>EK2BK2S4C34100</b>	<b>EK2BK2S4P34100</b>	<b>EK2BK2S5C25100</b>	<b>EK2BK2S5P25100</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D LM and LF style	D LM and MF style
Description		Non-rewireable connector with M12 locking nut male and female straight version	Non-rewireable connector with M12 locking nut male straight and female right angled version
Housing colour		black	black
Type of contact		male + female	male + female
Number of contacts		8	8
Cable type		PUR	PUR
Conductor specification		0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>EG2BG2S8U25200</b>	<b>EW2BG2S8U25200</b>
Other standard options	cable length 1,0m,	order no. <b>EG2BG2S8U25100</b>	order no. <b>EW2BG2S8U25100</b>
Cable jacket colour		grey	grey
Conductor colours		white - brown - green - yellow grey - pink - blue - red	white - brown - green - yellow grey - pink - blue - red
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension		0,8 mm	0,8 mm
Rated voltage max.		30 V AC/DC	30 V AC/DC
Rated current max.		2 A	2 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M12 x 1	Lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6 black	PA6 black
Housing material		TPU	TPU
Coupling nut material		CuZn Nikel plated	CuZn Nikel plated
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		HB	HB
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	<b>EG2BG2S8U25200</b>	<b>EW2BG2S8U25200</b>
	1 box	<b>EG2BG2S8U25100</b>	<b>EW2BG2S8U25100</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			





IEC 61076-2-101	IEC 61076-2-101		
D MM and LF style	D MM and MF style		
Non-rewireable connector with M12 locking nut male right angled and female straight version	Non-rewireable connector with M12 locking nut male right angled and female right angled version		
black	black		
male + female	male + female		
8	8		
PUR	PUR		
0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>		
2 m	2 m		
<b>EG2BW2S8U25200</b>	<b>EW2BW2S8U25200</b>		
order no. <b>EG2BW2S8U25100</b>	order no. <b>EW2BW2S8U25100</b>		
grey	grey		
white - brown - green - yellow grey - pink - blue - red	white - brown - green - yellow grey - pink - blue - red		
5,0 mm	5,0 mm		
-40°C to + 80°C	-40°C to + 80°C		
-25°C to + 80°C	-25°C to + 80°C		
<p>▷ Code A</p>	<p>▷ Code A</p>		
0,8 mm	0,8 mm		
30 V AC/DC	30 V AC/DC		
2 A	2 A		
≤ 10 mΩ	≤ 10 mΩ		
Lock nut M12 x 1	Lock nut M12 x 1		
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m		
CuSn gold plated	CuSn gold plated		
PA6 black	PA6 black		
TPU	TPU		
CuZn Nikel plated	CuZn Nikel plated		
Viton	Viton		
IP 67	IP 67		
3	3		
HB	HB		
HB	HB		
100 pieces	100 pieces		
<b>EG2BW2S8U25200</b>	<b>EW2BW2S8U25200</b>		
<b>EG2BW2S8U25100</b>	<b>EW2BW2S8U25100</b>		
10...12 Kg	10...12 Kg		
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm		

M12 / M12 Extension - 8 Poles



<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D - LM and LF style	D - LM and LF style
Description		Non-rewireable connector, with M12 locking nut, single straight male and double straight female version	Non-rewireable connector, with M12 locking nut, single straight male and double straight female version
Housing colour		black	black
Number of contacts		4	5
Cable type		PUR LiY11Y	PUR LiY11Y
Conductor specification		0,34 mm <sup>2</sup>	0,25 mm <sup>2</sup>
Cable length		1 m	1 m
Order no.		<b>Y2DD2B4P34100</b>	<b>Y2DD2B5P25100</b>
Other standard options	cable length 0,6m	order no. <b>Y2DD2B4P34060</b>	order no. <b>Y2DD2B5P25060</b>
Cable jacket colour		black	black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
<b>Drawing</b>		<p>▷ Code A</p>	<p>▷ Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		60 V AC/DC	60 V AC/DC
Rated current max.		4 A	4 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Overvoltage category		III	III
Mounting		lock nut M12 x 1	lock nut M12 x 1
Fixing screw torque		min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6T / 61 GF blue	PA6T / 61 GF blue
Overmoulding material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP67	IP67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		HB	HB
Moulded housing		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	1 box	<b>Y2DD2B4P34100</b>	<b>Y2DD2B5P25100</b>
	1 box	<b>Y2DD2B4P34060</b>	<b>Y2DD2B5P25060</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Splitter Extension Y series

MOULDED IN CABLE



M12 / M12 Extension

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
D - LM and MF style	D - LM and MF style	D - LM and LF style	D - LM and MF style
Non-rewireable connector, with M12 locking nut, single straight male and double right angled female version	Non-rewireable connector, with M12 locking nut, single straight male and double right angled female version	Non-rewireable connector, with M12 locking nut, single straight male and double straight female version	Non-rewireable connector, with M12 locking nut, single straight male and double right angled female version
black	black	black	black
4	5	5	5
PUR LiY11Y	PUR LiY11Y	PUR LiY11Y	PUR LiY11Y
0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
1 m	1 m	1 m	1 m
<b>Y2DK2B4P34100</b>	<b>Y2DK2B5P25100</b>	<b>Y2DD2BAP25100</b>	<b>Y2DK2BAP25100</b>
order no. <b>Y2DK2B4P34060</b>	order no. <b>Y2DK2B5P25060</b>	order no. <b>Y2DD2BAP25060</b>	order no. <b>Y2DK2BAP25060</b>
black	black	black	black
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C
-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C
<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>
1 mm	1 mm	1 mm	1 mm
60 V AC/DC	60 V AC/DC	60 V AC/DC	60 V AC/DC
4 A	4 A	4 A	4 A
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
III	III	III	III
lock nut M12 x 1 min. 0,5 ; max. 0,8 N/m	lock nut M12 x 1 min. 0,5 ; max. 0,8 N/m	lock nut M12 x 1 min. 0,5 ; max. 0,8 N/m	lock nut M12 x 1 min. 0,5 ; max. 0,8 N/m
CuSn gold plated	CuSn gold plated	CuSn gold plated	CuSn gold plated
PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue	PA6T / 61 GF blue
TPU	TPU	TPU	TPU
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
IP67	IP67	IP67	IP67
3	3	3	3
HB	HB	HB	HB
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
<b>Y2DK2B4P34100</b>	<b>Y2DK2B5P25100</b>	<b>Y2DD2BAP25100</b>	<b>Y2DK2BAP25100</b>
<b>Y2DK2B4P34060</b>	<b>Y2DK2B5P25060</b>	<b>Y2DD2BAP25060</b>	<b>Y2DK2BAP25060</b>
10...12 Kg	10...12 Kg	10...12 Kg	10...12 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm



<b>Product description</b>			
Standard	IEC 61076-2-101	IEC 61076-2-101	
Construction type	D Style JF	D Style JF	
Description	Rewireable connector, straight version with locking nut, female contacts	Rewireable connector, straight version with locking nut, female contacts	
Housing colour	black	black	
Type of contact	female	female	
Number of contacts	4	5	
Cable gland	PG7	PG7	
Conductor size	max. 0,75 mm <sup>2</sup>	max. 0,75 mm <sup>2</sup>	
Order no.	<b>FGA12B4-7</b>	<b>FGA12B5-7</b>	
Cable diameter	4 - 6 mm	4 - 6 mm	
Temperature range	-25°C to + 90°C static	-25°C to + 90°C static	
<b>Drawing</b>			
	<p>▷ Code A</p>	<p>▷ Code A</p>	
<b>Technical data</b>			
Pin dimension	1 mm	1 mm	
Rated voltage max.	250 V AC/DC	50 V AC/DC	
Rated current max.	4 A	4 A	
Contact resistance	≤ 10 mΩ	≤ 10 mΩ	
Mounting	Lock nut M12 x 1	Lock nut M12 x 1	
Fixing screw torque	min. 0,5; max. 0,8 N/m	min. 0,5; max. 0,8 N/m	
<b>Material</b>			
Contact material	CuZn	CuZn	
Contact holder material	PA	PA	
Housing material	PA	PA	
Coupling nut material	Zn AL/NI	Zn AL/NI	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 67	IP 67	
Pollution severity (EN 60664-1)	3	3	
<b>Inflammability class</b>			
Contact holder material	94 V-2	94 V-2	
Housing material	94 V-2	94 V-2	
<b>Packaging</b>			
Minimum quantity	100 pieces	100 pieces	
Number of boxes suitable :	2 boxes	<b>FGA12B4-7</b>	<b>FGA12B5-7</b>
Approximate weight per box	3 Kg	3 Kg	
Box dimension	29 x 15 x 18 cm	29 x 15 x 18 cm	
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors FGA series

SELF - ASSEMBLY CABLE



# M12 Cable Entry

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	
D Style JM	D Style JM	D Style JM	
Rewireable connector, straight version with locking nut, male contacts	Rewireable connector, straight version with locking nut, male contacts	Rewireable connector, straight version with locking nut, male contacts, double cable entry	
black	black	black	
male	male	male	
4	5	5	
PG7	PG7	M16x1,5	
max. 0,75 mm <sup>2</sup>	max. 0,75 mm <sup>2</sup>	max. 0,75 mm <sup>2</sup>	
<b>FGA12S4-7</b>	<b>FGA12S5-7</b>	<b>FGA12S5-DUO</b>	
4 - 6 mm	4 - 6 mm	(2,1 - 3 mm) ; (4 - 5 mm) with appropriate grommet	
-25°C to + 90°C static	-25°C to + 90°C static	-25°C to + 90°C static	
<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>	
1 mm	1 mm	1 mm	
250 V AC/DC	50 V AC/DC	50 V AC/DC	
4 A	4 A	4 A	
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	
Lock nut M12 x 1 min. 0,5; max. 0,8 N/m	Lock nut M12 x 1 min. 0,5; max. 0,8 N/m	Lock nut M12 x 1 min. 0,5; max. 0,8 N/m	
CuZn	CuZn	CuZn	
PA	PA	PA 66	
PA	PA	PA 66	
Zn AL/NI	Zn AL/NI	Zn AL/NI	
IP 67	IP 67	IP 67	
3	3	3	
94 V-2	94 V-2	UL 94 HB	
94 V-2	94 V-2	UL 94 HB	
100 pieces	100 pieces	100 pieces	
<b>FGA12S4-7</b>	<b>FGA12S5-7</b>	<b>FGA12S5-DUO</b>	
3 Kg	3 Kg	3 Kg	
29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm	



<b>Product description</b>			
Standard	IEC 61076-2-101	IEC 61076-2-101	
Construction type	D Style KF	D Style KF	
Description	Rewireable connector, right angled version with locking nut, female contacts	Rewireable connector, right angled version with locking nut, female contacts	
Housing colour	black	black	
Type of contact	female	female	
Number of contact	4	5	
Cable gland	PG7	PG7	
Conductor size	max. 0,75 mm <sup>2</sup>	max. 0,75 mm <sup>2</sup>	
Order no.	<b>FWA12B4-7</b>	<b>FWA12B5-7</b>	
Cable diameter	4 - 6 mm	4 - 6 mm	
Temperature range	-25°C to + 90°C	-25°C to + 90°C	
<b>Drawing</b>			
	> Code A	> Code A	
<b>Technical data</b>			
Pin dimension	1 mm	1 mm	
Rated voltage max.	250 V AC/DC	50 V AC/DC	
Rated current max.	4 A	4 A	
Contact resistance	≤ 10 mΩ	≤ 10 mΩ	
Mounting	Lock nut M12 x 1	Lock nut M12 x 1	
Fixing screw torque	min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m	
<b>Material</b>			
Contact material	CuZn	CuZn	
Contact holder material	PA	PA	
Housing material	PA	PA	
Coupling nut material	Zn AL/NI	Zn AL/NI	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 67	IP 67	
Pollution severity (EN 60664-1)	3	3	
<b>Inflammability class</b>			
Contact holder material	94 V-2	94 V-2	
Housing material	94 V-2	94 V-2	
<b>Packaging</b>			
Minimum quantity	100 pieces	100 pieces	
Number of boxes suitable :	2 boxes	<b>FWA12B4-7</b>	<b>FWA12B5-7</b>
Approximate weight per box	3 Kg	3 Kg	
Box dimension	29 x 15 x 18 cm	29 x 15 x 18 cm	
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			



IEC 61076-2-101	IEC 61076-2-101		
D Style KM	D Style KM		
Rewireable connector, right angled version with locking nut, male contacts	Rewireable connector, right angled version with locking nut, male contacts		
black	black		
male	male		
4	5		
PG7	PG7		
max. 0,75 mm <sup>2</sup>	max. 0,75 mm <sup>2</sup>		
<b>FWA12S4-7</b>	<b>FWA12S5-7</b>		
4 - 6 mm	4 - 6 mm		
-25°C to + 90°C	-25°C to + 90°C		
▷ Code A	▷ Code A		
1 mm	1 mm		
250 V AC/DC	50 V AC/DC		
4 A	4 A		
≤ 10 mΩ	≤ 10 mΩ		
Lock nut M12 x 1	Lock nut M12 x 1		
min. 0,5 ; max. 0,8 N/m	min. 0,5 ; max. 0,8 N/m		
CuZn	CuZn		
PA	PA		
PA	PA		
Zn AL/NI	Zn AL/NI		
IP 67	IP 67		
3	3		
94 V-2	94 V-2		
94 V-2	94 V-2		
100 pieces	100 pieces		
<b>FWA12S4-7</b>	<b>FWA12S5-7</b>		
3 Kg	3 Kg		
29 x 15 x 18 cm	29 x 15 x 18 cm		



M12 / M8 Extension

<b>Product description</b>			
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D LM style E LF style	D LM style E LF style
Description		Non-rewireable connector with straight locking nut male (M12) and female (M8) straight version	Non-rewireable connector with straight locking nut male (M12) and female (M8) straight version
Housing colour		black	black
Type of contact		male + female	male + female
Number of contacts		3	4
Cable type		PUR	PUR
Conductor specification		0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>EG8BD2S3P25200</b>	<b>EG8BD2S4P25200</b>
Other standard options	cable length 1,0m cable length 0,6m	order no. <b>EG8BD2S3P25100</b>	order no. <b>EG8BD2S4P25100</b>
Cable jacket colour		black	black
Conductor colours		brown - blue - black	brown - white - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application flexible application	-40°C to + 80°C	-40°C to + 80°C
<b>Drawing</b>		<p>&gt; Code A</p>	<p>&gt; Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		60 V AC/DC	30 V AC/DC
Rated current max.		3 A	3 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M8 x 1 - M12 x 1	Lock nut M8 x 1 - M12 x 1
Fixing screw torque		M8 = 0,3-0,5 N/m-M12 = 0,5-0,8 N/m	M8 = 0,3-0,5 N/m-M12 = 0,5-0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6 black - PA6T / 61 GF blue	PA6 black - PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		CuZn Nickel plated Zamak 15 / ZnAl4Cu1	CuZn Nickel plated Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		HB	HB
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes 1 box	<b>EG8BD2S3P25200</b> <b>EG8BD2S3P25100</b>	<b>EG8BD2S4P25200</b> <b>EG8BD2S4P25100</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

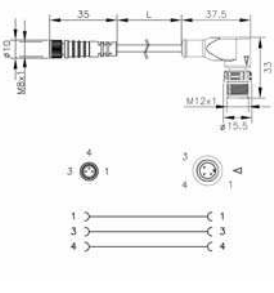
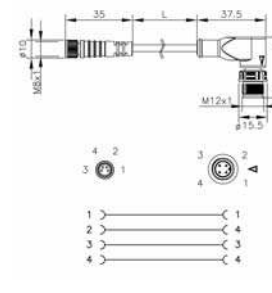
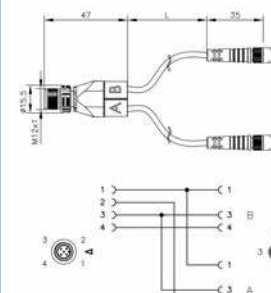


## Circular Connectors **EG8** series

MOULDED IN CABLE



# M12 / M8 Extension

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	
D MM style	D MM style	D LM style	
E LF style	E LF style	E LF style	
Non-rewireable connector with angled locking nut male (M12) and female (M8) straight version	Non-rewireable connector with angled locking nut male (M12) and female (M8) straight version	Non-rewireable connector with single straight locking nut male (M12 Y) and double female (M8) straight version	
black	black	black	
male + female	male + female	male + female	
3	4	3	
PUR	PUR	PUR	
0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	
2 m	2 m	1 m	
<b>EG8BK2S3P25200</b>	<b>EG8BK2S4P25200</b>	<b>YG8BD2S3P25100</b>	
order no. <b>EG8BK2S3P25100</b>	order no. <b>EG8BK2S4P25100</b>	order no. <b>YG8BD2S3P25060</b>	
black	black	black	
brown - blue - black	brown - white - blue - black	brown - blue - black	
5,0 mm	5,0 mm	5,0 mm	
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	
			
▷ Code A	▷ Code A	▷ Code A	
1 mm	1 mm	1 mm	
60 V AC/DC	30 V AC/DC	60 V AC/DC	
3 A	3 A	3 A	
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	
Lock nut M8 x 1 - M12 x 1	Lock nut M8 x 1 - M12 x 1	Lock nut M8 x 1 - M12 x 1	
M8 = 0,3-0,5 N/m-M12 = 0,5-0,8 N/m	M8 = 0,3-0,5 N/m-M12 = 0,5-0,8 N/m	M8 = 0,3-0,5 N/m-M12 = 0,5-0,8 N/m	
CuSn gold plated	CuSn gold plated	CuSn gold plated	
PA6 black - PA6T / 61 GF blue	PA6 black - PA6T / 61 GF blue	PA6 black - PA6T / 61 GF blue	
TPU	TPU	TPU	
CuZn Nikel plated	CuZn Nikel plated	CuZn Nikel plated	
Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1	
Viton	Viton	Viton	
IP 67	IP 67	IP 67	
3	3	3	
HB	HB	HB	
HB	HB	HB	
100 pieces	100 pieces	100 pieces	
<b>EG8BK2S3P25200</b>	<b>EG8BK2S4P25200</b>	<b>YG8BD2S3P25100</b>	
<b>EG8BK2S3P25100</b>	<b>EG8BK2S4P25100</b>	<b>YG8BD2S3P25060</b>	
10...12 Kg	10...12 Kg	10...12 Kg	
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	



M12 / M8 Extension

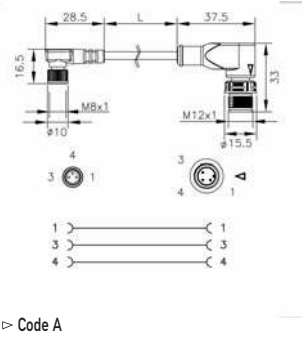
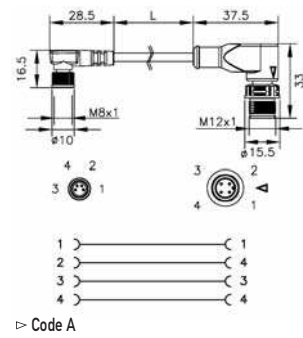
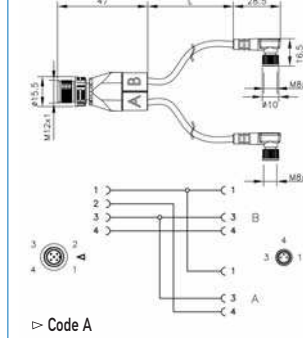
Product description		IEC 61076-2-101	IEC 61076-2-101
Standard		IEC 61076-2-101	IEC 61076-2-101
Construction type		D LM style E MF style	D LM style E MF style
Description		Non-rewireable connector with straight locking nut male (M12) and female (M8) angled version	Non-rewireable connector with straight locking nut male (M12) and female (M8) angled version
Housing colour		black	black
Type of contact		male + female	male + female
Number of contacts		3	4
Cable type		PUR	PUR
Conductor specification		0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>
Cable length		2 m	2 m
Order no.		<b>EW8BD2S3P25200</b>	<b>EW8BD2S4P25200</b>
Other standard options	cable length 1,0m cable length 0,6m	order no. <b>EW8BD2S3P25100</b>	order no. <b>EW8BD2S4P25100</b>
Cable jacket colour		black	black
Conductor colours		brown - blue - black	brown - white - blue - black
Cable diameter +/-5%		5,0 mm	5,0 mm
Temperature range	static application flexible application	-40°C to + 80°C	-40°C to + 80°C
<b>Drawing</b>		<p>&gt; Code A</p>	<p>&gt; Code A</p>
<b>Technical data</b>			
Pin dimension		1 mm	1 mm
Rated voltage max.		60 V AC/DC	30 V AC/DC
Rated current max.		3 A	3 A
Contact resistance		≤ 10 mΩ	≤ 10 mΩ
Mounting		Lock nut M8 x 1 - M12 x 1	Lock nut M8 x 1 - M12 x 1
Fixing screw torque		M8= 0,3-0,5 N/m - M12= 0,5-0,8 N/m	M8= 0,3-0,5 N/m - M12= 0,5-0,8 N/m
<b>Material</b>			
Contact material		CuSn gold plated	CuSn gold plated
Contact holder material		PA6 black - PA6T / 61 GF blue	PA6 black - PA6T / 61 GF blue
Housing material		TPU	TPU
Coupling nut material		CuZn Nickel plated- Zamak 15 / ZnAl4Cu1	CuZn Nickel plated- Zamak 15 / ZnAl4Cu1
O-Ring		Viton	Viton
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 67	IP 67
Pollution severity (EN 60664-1)		3	3
<b>Inflammability class</b>			
Contact holder material		HB	HB
Housing material		HB	HB
<b>Packaging</b>			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes 1 box	<b>EW8BD2S3P25200</b> <b>EW8BD2S3P25100</b>	<b>EW8BD2S4P25200</b> <b>EW8BD2S4P25100</b>
Approximate weight per box		10...12 Kg	10...12 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
<b>Notes</b>			
Technical specifications on cables and accessories see pages 171-175			

## Circular Connectors EW8 series

MOULDED IN CABLE



M12 / M8 Extension

IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	
D MM style	D MM style	D LM style	
E MF style	E MF style	E MF style	
Non-rewireable connector with angled locking nut male (M12) and female (M8) angled version	Non-rewireable connector with angled locking nut male (M12) and female (M8) angled version	Non-rewireable connector with single straight locking nut male (M12 Y) and double female (M8) angled version	
black	black	black	
male + female	male + female	male + female	
3	4	3	
PUR	PUR	PUR	
0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	
2 m	2 m	1 m	
<b>EW8BK2S3P25200</b>	<b>EW8BK2S4P25200</b>	<b>YW8BD2S3P25100</b>	
order no. <b>EW8BK2S3P25100</b>	order no. <b>EW8BK2S4P25100</b>	order no. <b>YW8BD2S3P25060</b>	
black	black	black	
brown - blue - black	brown - white - blue - black	brown - blue - black	
5,0 mm	5,0 mm	5,0 mm	
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	
			
▷ Code A	▷ Code A	▷ Code A	
1 mm	1 mm	1 mm	
60 V AC/DC	30 V AC/DC	60 V AC/DC	
3 A	3 A	3 A	
≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ	
Lock nut M8 x 1 - M12 x 1	Lock nut M8 x 1 - M12 x 1	Lock nut M8 x 1 - M12 x 1	
M8= 0,3-0,5 N/m - M12= 0,5-0,8 N/m	M8= 0,3-0,5 N/m - M12= 0,5-0,8 N/m	M8= 0,3-0,5 N/m - M12= 0,5-0,8 N/m	
CuSn gold plated	CuSn gold plated	CuSn gold plated	
PA6 black - PA6T / 61 GF blue	PA6 black - PA6T / 61 GF blue	PA6 black - PA6T / 61 GF blue	
TPU	TPU	TPU	
CuZn Nickel plated- Zamak 15 / ZnAl4Cu1	CuZn Nickel plated- Zamak 15 / ZnAl4Cu1	CuZn Nickel plated- Zamak 15 / ZnAl4Cu1	
Viton	Viton	Viton	
IP 67	IP 67	IP 67	
3	3	3	
HB	HB	HB	
HB	HB	HB	
100 pieces	100 pieces	100 pieces	
<b>EW8BK2S3P25200</b>	<b>EW8BK2S4P25200</b>	<b>YW8BD2S3P25100</b>	
<b>EW8BK2S3P25100</b>	<b>EW8BK2S4P25100</b>	<b>YW8BD2S3P25060</b>	
10...12 Kg	10...12 Kg	10...12 Kg	
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	