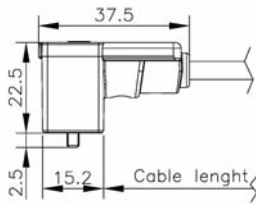
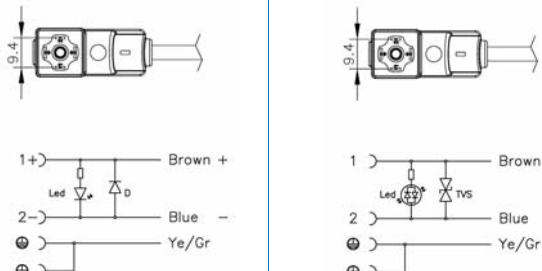


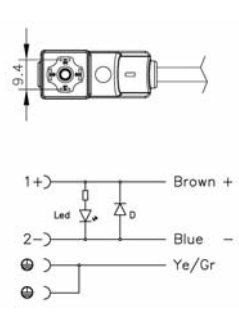
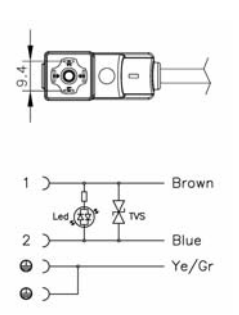


Product description		Industrial standard (9,4 mm)	Industrial standard (9,4 mm)
Standard		C	C
Construction type		C	C
Description	Integrated gasket (TPU) and central fixing screw (PE) earth in H6 and H12 position (bridged)	P9,4 connector with moulded cable function indicator (LED) protective circuit (diode)	P9,4 connector with moulded cable function indicator (LED) TVS protective circuit (transil)
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		H03VV-F VDE 0281-5 PVC	H03VV-F VDE 0281-5 PVC
Conductors specification		3 G 0,5 mm ² PVC	3 G 0,5 mm ² PVC
Cable length		3 m	3 m
Order no.		MD634D54TA01300	MD634T54TA01300
Other standard options	cable length 5m,	order no. MD634D54TA01500	order no. MD634T54TA01500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		5,5 mm	5,5 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		3,6 x 0,5mm ; 2,8 x 0,5mm	3,6 x 0,5mm ; 2,8 x 0,5mm
Voltage		24 V DC	24 V AC/DC
Rated current max.		3 A	3 A
Suppressor		diode 1A 1000V	TVS Vbr max.=37,8V Peak =400W
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 23	central screw M3 x 23
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	MD634D54TA01300	MD634T54TA01300
	4 boxes	MD634D54TA01500	MD634T54TA01500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(A012) (C033; C032)	(A012) (C033; C032)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MD6 series

MOULDED IN CABLE



	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)		
	C	C		
	P9,4 connector with moulded cable function indicator (LED) protective circuit (diode)	P9,4 connector with moulded cable function indicator (LED) TVS protective circuit (transil)		
	2 + PE / PE bridged	2 + PE / PE bridged		
	PUR / PVC	PUR / PVC		
	3 G 0,5 mm ² PVC	3 G 0,5 mm ² PVC		
	3 m	3 m		
	MD634D54TP11300	MD634T54TP11300		
	order no. MD634D54TP11500	order no. MD634T54TP11500		
	black	black		
	brown - blue - yellow/green	brown - blue - yellow/green		
	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		
				
	3,6 x 0,5mm ; 2,8 x 0,5mm	3,6 x 0,5mm ; 2,8 x 0,5mm		
	24 V DC	24 V AC/DC		
	3 A	3 A		
	diode 1A 1000V	TVS Vbr max.=37,8V Peak =400W		
	yellow	yellow		
	15mΩ max.	15mΩ max.		
	III	III		
	central screw M3 x 23	central screw M3 x 23		
	0,3 - 0,5 N/m	0,3 - 0,5 N/m		
	PA6 GF	PA6 GF		
	TPU	TPU		
	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]		
	3	3		
	V0	V0		
	HB	HB		
	100 pieces	100 pieces		
	MD634D54TP11300	MD634T54TP11300		
	MD634D54TP11500	MD634T54TP11500		
	13...15 Kg	13...15 Kg		
	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm		
	(P112)	(P112)		

Form C - INDUSTRIAL



Product description		Industrial standard (9,4 mm)	Industrial standard (9,4 mm)
Standard		C	C
Construction type		C	C
Description	Integrated gasket (TPU) and central fixing screw (PE) earth in H6 and H12 position (bridged)	P9,4 connector with moulded cable function indicator (LED) protective circuit (varistor)	P9,4 connector with moulded cable function indicator (LED) protective circuit (varistor)
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		H03VV-F VDE 0281-5 PVC	H03VV-F VDE 0281-5 PVC
Conductors specification		3 G 0,5 mm ² PVC	3 G 0,5 mm ² PVC
Cable length		3 m	3 m
Order no.		MD634V54TA01300	MD634V55TA01300
Other standard options	cable length 5m,	order no. MD634V54TA01500	order no. MD634V55TA01500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		5,5 mm	5,5 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		3,6 x 0,5mm ; 2,8 x 0,5mm	3,6 x 0,5mm ; 2,8 x 0,5mm
Voltage		24 V AC/DC	115 V AC/DC
Rated current max.		3 A	3 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 23	central screw M3 x 23
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes 4 boxes	MD634V54TA01300 MD634V54TA01500	MD634V55TA01300 MD634V55TA01500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(A012)	(A012)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MD6 series

MOULDED IN CABLE



Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)
C	C	C	C
P9,4 connector with moulded cable function indicator (LED) protective circuit (varistor)	P9,4 connector with moulded cable function indicator (LED) protective circuit (varistor)	P9,4 connector with moulded cable function indicator (LED) protective circuit (varistor)	P9,4 connector with moulded cable function indicator (LED) protective circuit (varistor)
2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged
H03VV-F VDE 0281-5 PVC	PUR / PVC	PUR / PVC	PUR / PVC
3 G 0,5 mm ² PVC	3 G 0,5 mm ² PVC	3 G 0,5 mm ² PVC	3 G 0,5 mm ² PVC
3 m	3 m	3 m	3 m
MD634V56TA01300	MD634V54TP11300	MD634V55TP11300	MD634V56TP11300
order no. MD634V56TA01500	order no. MD634V54TP11500	order no. MD634V55TP11500	order no. MD634V56TP11500
black	black	black	black
brown - blue - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-15°C to + 70°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
3,6 x 0,5mm ; 2,8 x 0,5mm	3,6 x 0,5mm ; 2,8 x 0,5mm	3,6 x 0,5mm ; 2,8 x 0,5mm	3,6 x 0,5mm ; 2,8 x 0,5mm
230 V AC/DC	24 V AC/DC	115 V AC/DC	230 V AC/DC
3 A	3 A	3 A	3 A
VDR 275 Vrms 8,6 Joule	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
central screw M3 x 23	central screw M3 x 23	central screw M3 x 23	central screw M3 x 23
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
PA6 GF	PA6 GF	PA6 GF	PA6 GF
TPU	TPU	TPU	TPU
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
3	3	3	3
V0	V0	V0	V0
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
MD634V56TA01300	MD634V54TP11300	MD634V55TP11300	MD634V56TP11300
MD634V56TA01500	MD634V54TP11500	MD634V55TP11500	MD634V56TP11500
13...15 Kg	13...15 Kg	13...15 Kg	13...15 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
(A012)	(P112)	(P112)	(P112)

Form C - INDUSTRIAL

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 ²	0,50 mm ²
Cable length		1 m	1 m
Order no.		JD634T54DP11100	JD634T54KP11100
Other standard options	cable length 2m,	order no. JD634T54DP11200	order no. JD634T54KP11200
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			
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	JD634T54DP11100 JD634T54DP11200	JD634T54KP11100 JD634T54KP11200
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



Product description		
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 ²
Cable length		1 m
Order no.		YD634T54DP11100
Other standard options	cable length 2m,	order no. YD634T54DP11200
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 style="text-align: center;">> Code A</p>		
Technical data		
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
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	YD634T54DP11100
	2 boxes	YD634T54DP11200
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		