

## Valve Connectors **KD0 - KD1** series

SELF - ASSEMBLY CABLE



	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	
	C	C	C	
	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 and protective circuit (diode)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and protective circuit (diode)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and TVS protective circuit (transil)	
	black	transparent	transparent	
	2+PE	2+PE	2+PE	
	<b>KD136D10B7</b>	<b>KD136D54T7</b>	<b>KD136T54T7</b>	
	order no. <b>KD135D10B7</b> earth pos. H12	order no. <b>KD136D57T7</b> (led colour red)	order no. <b>KD136T57T7</b> (led colour red)	
	PG7	PG7	PG7	
	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
	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	
	0...230 V DC	24 V DC	24 V AC/DC	
	4 A	4 A	4 A	
	diode 1A 1000V	diode 1A 1000V	TVS Vbr max.=37,8V Peak=400W	
	15mΩ max.	15mΩ max.	15mΩ max.	
	III	III	III	
	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	
	4 mm to 6 mm diameter	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
	central screw M3x27,5	central screw M3x27,5	central screw M3x27,5	
	PA6 GF	PA6 GF	PA6 GF	
	PA6 GF	PA12	PA12	
	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	
	3	3	3	
	-40 °C to + 100 °C	-20 °C to + 80 °C	-20 °C to + 80 °C	
	HB - UL 94	HB - UL 94	HB - UL 94	
	HB - UL 94	HB - UL 94	HB - UL 94	
	200 pieces / Kg 2,5	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
	29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm	
	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

Form C - INDUSTRIAL



<b>Product description</b>			
Standard	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	
Construction type	C	C	
Description	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KD136L34T7</b>	<b>KD136L35T7</b>	
Other options on request	led colour red	order no. <b>KD136L37T7</b>	order no. <b>KD136L38T7</b>
Cable gland	PG7	PG7	
Max. conductor size	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
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.	6 A	6 A	
Suppressor			
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
Overvoltage category	III	III	
Type of termination	headless screw M3	headless screw M3	
Contact screw torque	max. 0,2 N/m	max. 0,2 N/m	
Suitable cables	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
Mounting	central screw M3x27,5	central screw M3x27,5	
<b>Material</b>			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20 °C to + 80 °C	-20 °C to + 80 °C	
<b>Inflammability class</b>			
Contact holder	HB - UL 94	HB - UL 94	
Housing	HB - UL 94	HB - UL 94	
<b>Packaging</b>			
Packaging unit / Weight approx.	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
Box dimensions	29 x 15 x 18 cm	29 x 15 x 18 cm	
<b>Other accessory options</b>			
to be ordered separately see pages 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

## Valve Connectors **KD1** series

SELF - ASSEMBLY 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 screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)
transparent	transparent	transparent	transparent
2+PE	2+PE	2+PE	2+PE
<b>KD136L36T7</b>	<b>KD136V54T7</b>	<b>KD136V55T7</b>	<b>KD136V56T7</b>
order no. <b>KD136L39T7</b>	order no. <b>KD136V57T7</b>	order no. <b>KD136V58T7</b>	order no. <b>KD136V59T7</b>
PG7	PG7	PG7	PG7
1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal
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
6 A	5 A	5 A	5 A
	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
headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m
4 mm to 6 mm diameter	4 mm to 6 mm diameter	4 mm to 6 mm diameter	4 mm to 6 mm diameter
central screw M3x27,5	central screw M3x27,5	central screw M3x27,5	central screw M3x27,5
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA12	PA12	PA12	PA12
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-20 °C to + 80 °C	-20 °C to + 80 °C	-20 °C to + 80 °C	-20 °C to + 80 °C
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
200 pieces / Kg 2,6	200 pieces / Kg 2,6	200 pieces / Kg 2,6	200 pieces / Kg 2,6
29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm
NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag

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