



Product description			
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	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6	
Housing colour	black	black	
Number of contacts	2+PE	3+PE	
Order no.	KD136000B7	KD046000B7	
Other options on request	order no. KD135000B7 earth pos. H12	order no. KD045000B7 earth pos. H12	
Cable gland	PG7	PG7	
Max. conductor size	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	
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	250 V AC/DC max.	250 V AC/DC max.	
Rated current max.	6 A (IEC512-3 test 5b)	6 A (IEC512-3 test 5b)	
Suppressor			
LED colour			
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	
Material			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
Environmental conditions			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-40 °C to + 100 °C	-40 °C to + 100 °C	
Inflammability class			
Contact holder	HB - UL 94	HB - UL 94	
Housing	HB - UL 94	HB - UL 94	
Packaging			
Packaging unit / Weight approx.	1000 pieces / Kg 13	1000 pieces / Kg 13	
Box dimensions	80 x 30 x 22 cm	80 x 30 x 22 cm	
Other accessory options			
to be ordered separately see pages 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

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	
	KD136D10B7	KD136D54T7	KD136T54T7	
	order no. KD135D10B7 earth pos. H12	order no. KD136D57T7 (led colour red)	order no. KD136T57T7 (led colour red)	
	PG7	PG7	PG7	
	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	1,0mm ² 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