



S W KP C 3 - K

Field-wireable  KP: *female*  
SP: *male*

Round connector M8x1 | KP: *female*  
SP: *male*

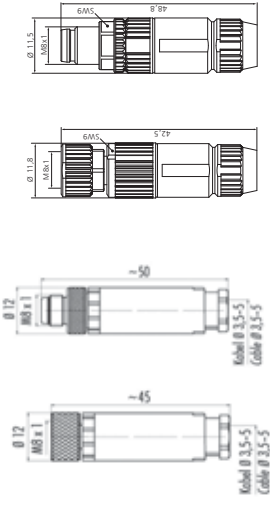
Field-wireable  KP: *female*  
SP: *male*














Pinns

Connection | K: Screw-terminal  
S: Insulation displacement connector (IDC)  
L: Soldering

W: angled  without: straight 

Screw-type



Product line	Version	Connection	Figure	Pins	Type-designation	Item-No.
M8x1 	Screw-terminal	<i>f</i>   	Fig. 1	3	SKPC3K	8004833
		<i>m</i>   	Fig. 2	4	SKPC4K	8004834
		<i>f</i>   	Fig. 3	3	SSPC3K	8004831
		<i>f</i>   	Fig. 3	4	SSPC4K	8004832
IDC	Screw-terminal	<i>f</i>   	Fig. 3	3	SKPC3S	8019721
		<i>m</i>   	Fig. 4	4	SKPC4S	8019723
		<i>f</i>   	Fig. 4	3	SSPC3S	8019720
		<i>f</i>   	Fig. 5	4	SSPC4S	8019722
Soldering	Screw-terminal	<i>f</i>   	Fig. 5	3	SWKPC3L	8017351
		<i>m</i>   	Fig. 6	4	SWKPC4L	8017364
		<i>f</i>   	Fig. 6	3	SWSPC3L	8017365
		<i>m</i>   	Fig. 6	4	SWSPC4L	8017366



### M8x1 field-wireable

Technical data	Screw-terminal	IDC	Soldering
Rated voltage [U <sub>max</sub> ]	3 pins: 60V 4 pins: 30V	32V	3 pins: 60V 4 pins: 30V
Current load [I <sub>max</sub> ]	4A	4A	4A
Insulation resistance	≥ 10 <sup>8</sup> Ω	≥ 10 <sup>8</sup> Ω	≥ 10 <sup>8</sup> Ω
Standards	IEC61076-2-104	IEC61076-2-104	IEC61076-2-104
Materials	PBT/PA, BK	PA, Zinc diecasting, nickel-plated	<i>m</i> : PBT/PA, BK <i>f</i> : PA, BK
Contact carrier	PA, BK	PA, BK	PA, BK
Contacts	CuZn, gold-plated	CuZn, gold-plated	<i>m</i> : CuZn, gold-plated <i>f</i> : CuSn, gold-plated
Locking mechanism	GD-Zn, nickel-plated	GD-Zn, nickel-plated	GD-Zn, nickel-plated
Ambient temperature	-40°C...+85°C	-40°C...+85°C	-40°C...+85°C
Degree of pollution	3	3	3
Protection class (installed)	IP67	IP67	IP67
Mechanical life cycle (mating cycles)	>100	>100	>100
External diameter of the cable	3.5...5mm	2.5...5.1mm	3.5...5mm
Core cross-section/Clamping ability	0.14...0.5mm <sup>2</sup> AWG 26...20	0.14...0.34mm <sup>2</sup> AWG 26...22	0.25mm <sup>2</sup> AWG24



Pinning

3 pins | *female*      3 pins | *male*      4 pins | *female*      4 pins | *male*