

WAK C E 3 - K

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

Pins

Locking mechanism stainless steel

Field-wireable

Round connector M12x1 | WAK: female
WAS: male

W: angled ↗ | without: straight ↑

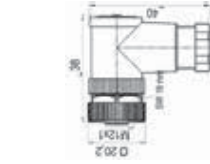


Fig. 1



Fig. 2

Product line	Version	Connection	Figure	Pins / A-coded	Type-designation	Item-No.		
M12x1	Screw-terminal	f ↑	Fig. 1	4	WAKC4K	8004811		
				5	WAKC5K	8004815		
				5	WAKCE5K	8063393		
				8	WAKC8K	8021862		
				f ↗	Fig. 2	4	WWAKC4K	8004808
						5	WWAKC5K	8004809
						5	WWAKCE5K	8063395
						8	WWAKC8K	8021863
				m ↑	Fig. 3	4	WASC4K	8004804
						5	WASC5K	8004805
						5	WASCE5K	8063394
						8	WASC8K	8021863
IDC	f ↑	Fig. 4	4	WWASC4K	8004806			
			5	WWASC5K	8004807			
			5	WWASCE5K	8063396			
			8	WWASC8K	8052219			
			f ↑	Fig. 5	3	WAKC3S	8019714	
					4	WAKC4S	8019718	
					4	WWAKC4S	8019719	
					3	WASC3S	8019712	
			m ↑	Fig. 6	4	WASC4S	8019716	
					4	WWASC4S	8019717	
					12	WAKC12L	8031858	
					12	WWAKC12L	8031859	
Soldering	f ↑	Fig. 2	4	WASC12L	8031860			
			12	WWASC12L	8031861			
			Other versions are available upon request.					



Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

M12x1 field-wireable

Technical data	Screw-terminal K	IDC S	Soldering L
Rated voltage [U _{max}]	4 pins: 250V 5 pins: 125V 8 pins ↑: 60V 8 pins ↗: 30V	32V	30V
Current load [I _{max}]	4-, 5 pins: 4A 8 pins: 2A	4A	2A f ↑: 1A
Insulation resistance	≥10 ⁸ Ω	≥10 ⁸ Ω	≥10 ⁸ Ω
Standards	IEC61076-2-101	IEC61076-2-101	IEC61076-2-101
Materials	Grip ↑ Grip ↗ Contact carrier Contacts	PA, BK PBT/PA, BK PA, BK CuZn, gold-plated	PA, BK PBT/PA, BK PA, BK CuZn, gold-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	>50	>100	>100
External diameter of the cable	4-, 5 pins: 4...6mm 8 pins: 6...8mm	↑: 2.9...5.1mm ↗: 4...5.1mm	6...8mm
Core cross-section/Clamping ability	4-, 5 pins: max. 0.75mm ² 8 pins ↑: max. 0.5mm ² 8 pins ↗: max. 0.25mm ²	↑: 0.14...0.34mm ² ↗: max. 0.5mm ²	max. 0.25mm ²

Coding A female	4 pins	5 pins	8 pins	12 pins
3 pins				
Coding A male				

