65 Style Connectors - M12, 3 and 4 Wire
Female with 5m Cables
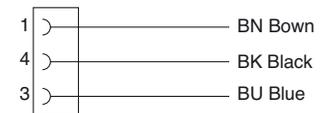
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WARRANTY 2 YEARS

Connector Size/Mount	M12 with PVC Cable			M12 with PUR Cable		
Cable Length *	**5m**			**5m**		
Cable Type	4 wire	3 wire with LED		4 wire	3 wire with LED	
		with PNP LED	with NPN LED		with PNP LED	with NPN LED
90° Angle KF90C54	KF90C53P	KF90C53N	KF90C54R	KF90C53PR	KF90C53NR	
Straight	KFDC54	KFDC53P	KFDC53N	KFDC54R	KFDC53PR	KFDC53NR

Dimensions (mm)

M12 straight female connector

44
Ø 14.8
Ø 11

M12 90° female connector

27.4
Ø 14.6
34.5
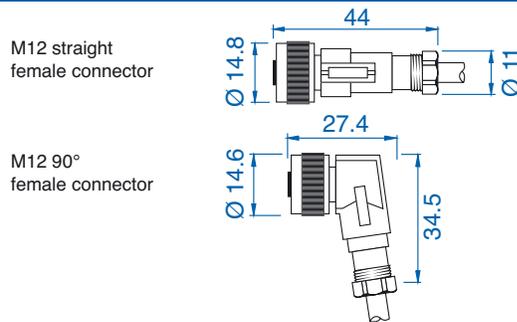
Contact Configuration

M12 3 wire female connector

3(-) 4(NO)
1(+)

1 — BN Brown
4 — BK Black
3 — BU Blue

M12 4 wire female connector

3(-) 4(NO)
2(NC) 1(+)

1 — BN Brown
2 — WH White
4 — BK Black
3 — BU Blue
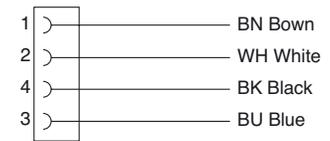
	PVC Cable	PUR Cable
Connector Polarity	3 and 4 wire	3 and 4 wire
Nominal Voltage	320V DC/ 250V AC	320V DC/ 250V AC
Nominal Current	4A	4A
Contact Resistance	<5mΩ	<5mΩ
Test Voltage in Accordance with DIN VDE 0110	2.5KV	2.5KV
Contact Material	CuSn	CuSn
Contact Surface Covering Material	Au	Au
Connector Material	TPU (thermoplastic polyurethane)	
Connector Color	Grey-RAL 7035	Grey-RAL 7035
Connector Operating Temperature Limits	-25° / +90°C	-25° / +90°C
Protection Degree in Accordance with EN 60529	IP67	IP67
Wiring Nut Features	14.8mm external dia. M12x1 threading	14.8mm external dia. M12x1 threading
Cable Type	PVC/PVC	PVC/PVC
External Sleeve Color	Grey-RAL 7001	Grey-RAL 7001
Cable External Diameter	3 and 4 wires = 5.2mm (±0.2mm)	3 and 4 wires = 5.2mm (±0.2mm)
Wire Sleeve Material	PVC	PVC
No. of Conductors on Cable Section	3x0.34mm^2 and 4x0.34mm^2	3x0.34mm^2 and 4x0.34mm^2
Conductors Structure	42x0.1mm in class 6	42x0.1mm in class 6
Cable Bending Radius	15 times external diameter moving installation 10 times external diameter steady installation	15 times external diameter moving installation 10 times external diameter steady installation
Temperature Limits	-30°C / +70°C (steady installation)	-30°C / +90°C (steady installation)
Isolation Voltage	2500V; 50Hz; 5min.	2500V; 50Hz; 5min.
Cable Marks	PVC/PVC UL/CSA	PVC/PVC UL/CSA
Weight	5m 190g • 10m 380g • 15m 520g	5m 190g • 10m 380g • 15m 520g

* Other cable lengths available on request.