

Electrical connection technology, for individual connection

Technical data – KM12-M12

- Plug socket with cable for connecting individual valves or sensors (generators)
- Pre-assembled at both ends
- Cable lengths 1 m, 2.5 m or 5 m
- 4-pin plug socket
- Not suitable for chain link trunking



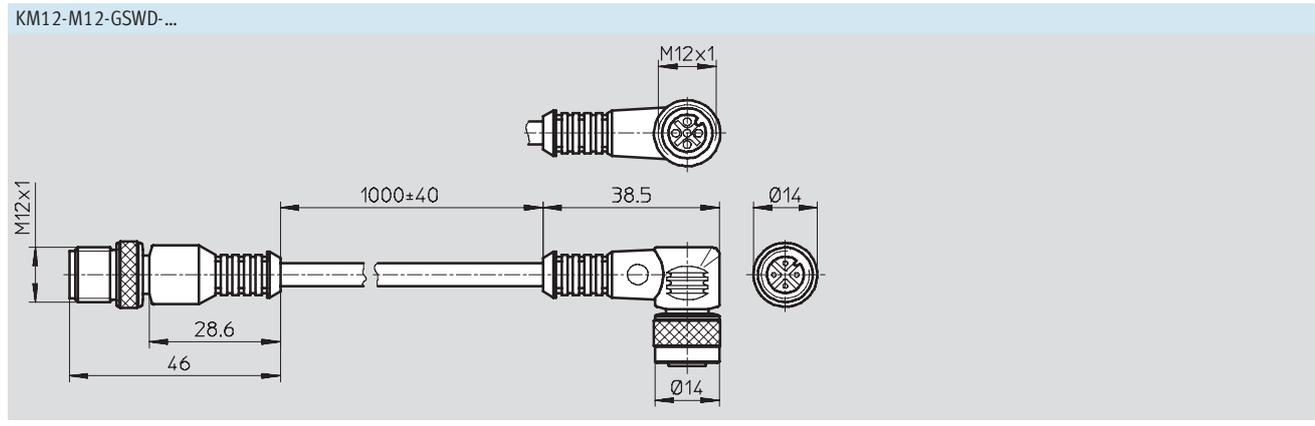
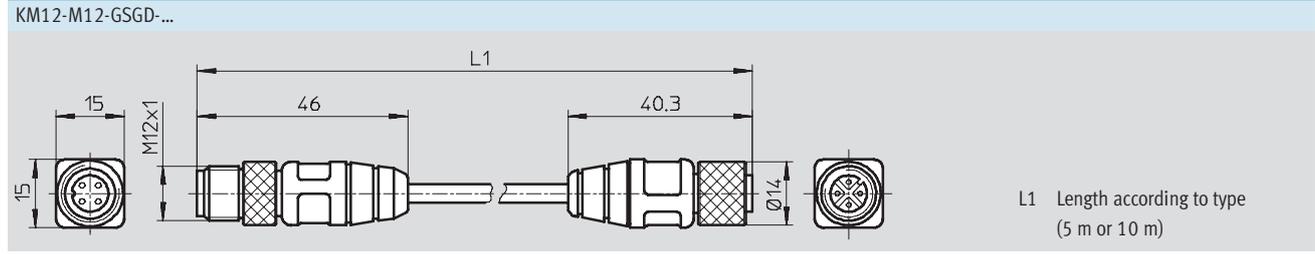
General technical data		
Type		KM12-M12-...
Type of mounting		M12 union nut/threaded connector
Mounting position		Any
Operating voltage range	[V AC]	Max. 60
	[V DC]	Max. 75
Protection class to EN 60 529		IP67 (assembled)
Material of housing		Polyurethane
Material of contacts		Gold-plated brass
Material of union nut		Nickel-plated brass
Material of cable sheath		Polyurethane
Material note		RoHS compliant
Ambient temperature	[°C]	-30 ... +70
Ambient temperature of flexible cable installation	[°C]	-5 ... +70

Ordering data							
	Electrical connection	Current-carrying capacity [A]	Construc-tional design [mm ²]	Product weight [g]	Cable length [m]	Type	Part No.
	Straight plug, 4-pin – angled socket, 4-pin	3.8	4x0.34	66	1	KM12-M12-GSWD-1-4	185 499
	Straight plug, 4-pin – straight socket, 4-pin	3.8	4x0.25	103	2.5	KM12-M12-GSGD-2,5	18 684
	Straight plug, 4-pin – straight socket, 4-pin	2.8	4x0.25	173	5	KM12-M12-GSGD-5	18 686

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Dimensions Download CAD data → www.festo.com



Wiring allocation (plug/socket view)

View – plug	Wiring allocation	View – socket
	<p>+ (24 V) 1 ● ——— Brown ——— C1</p> <p>- (0 V) 3 ● ——— Blue ——— C3</p> <p>x (Signal) 4 ● ——— Black ——— C4</p> <p>x+1 (Signal x+1) 2 ● ——— White ——— C2</p>	