

Electrical connection technology, for diagnostic interface

FESTO

Technical data – KV-M12-...

- Plug socket with cable for diagnostic interface (to terminal CPX)
- Pre-assembled at both ends
- Cable lengths: 1.5 m and 3.5 m
- 5-pin/4-wire
- Round plug



General technical data		
Type	KV-M12-M12-...	
Type of mounting	M12 union nut	
Mounting position	Any	
Operating voltage range	[V]	30 AC
	[V]	36 DC
Current-carrying capacity	[A]	4
Cable diameter	[mm]	5
Protection class to EN 60 529	IP67 (assembled)	
Material of housing	Polyurethane	
Material of contacts	Socket	Gold-plated brass
	Plug	Gold-plated bronze
Material of union nut	Nickel-plated/chrome-plated brass	
Material of cable sheath	Polyurethane	
Ambient temperature	[°C]	–25 ... +70
Ambient temperature of flexible cable installation	[°C]	–5 ... +70

Ordering data						
	Electrical connection	Constructional design [mm ²]	Product weight [g]	Cable length [m]	Type	Part No.
	Straight plug – straight socket, 5-pin	4x0.34	97	1.5	KV-M12-M12-1,5	529 044
	Straight plug – straight socket, 5-pin	4x0.34	182	3.5	KV-M12-M12-3,5	530 901

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Dimensions
KV-M12-M12-...

Download CAD data → www.festo.com

1 Cable length of 1.5 m or 3.5 m

Wiring allocation (socket/plug view)				
KV-M12-M12-...		Wiring allocation		View – plug
View – socket				
	1 (+24V)	Brown	1 (+24V)	
	3 (0V)	Blue	3 (0V)	
	2 (RxD, MMI)	White	2 (TxD, CPX)	
	4 (TxD, MMI)	Black	4 (RxD, CPX)	
	5 (FE)	Screen	5 (FE)	

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