

Electrical connection technology, for inputs/outputs

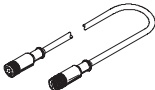
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Technical data – KM12-8GD8GS

- Plug socket with cable for connecting inputs/outputs (e.g. DNCV)
- Pre-assembled at both ends
- Cable length 2 m
- Socket/plug, 8-pin
- Not suitable for chain link trunking



General technical data		
Type	KM12-8GD8GS	
Type of mounting	Union nut/threaded connector	
Mounting position	Any	
Operating voltage range	[V]	30 AC
	[V]	36 DC
Current-carrying capacity	[A]	1.5
Protection class to EN 60 529	IP68 (assembled)	
Material of contacts	Nickel-plated/gold-plated bronze	
Material of union nut	Nickel-plated brass	
Material of cable sheath	Polyurethane	
Ambient temperature	[°C]	–25 ... +80

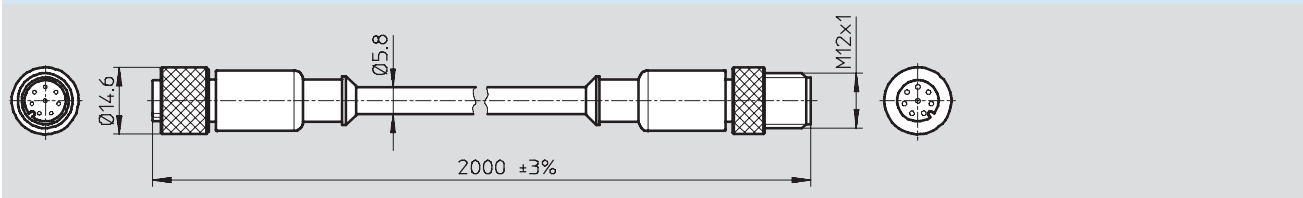
Ordering data							
	Electrical connection	Construc- tional design [mm ²]	Cable diameter [mm]	Product weight [g]	Cable length [m]	Type	Part No.
	Straight plug, 8-pin, M12 Straight socket, 8-pin, M12	8x0.25	5.8	156	2	KM12-8GD8GS-2-PU	525 617

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Dimensions
Download CAD data → www.festo.com



Wiring allocation (socket/plug view)				
KM12-8GD8GS				
Socket	Pin	Core colour	Pin	Plug
	1	White	1	
	2	Brown	2	
	3	Green	3	
	4	Yellow	4	
	5	Grey	5	
	6	Pink	6	
	7	Blue	7	
	8	Red	8	
	Housing	Screen	Housing	