

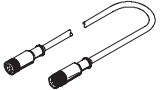
# Electrical connection technology, for inputs/outputs

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 AC]	30
	[V DC]	36
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
Material note		RoHS compliant
Ambient temperature	[°C]	-25 ... +80

Ordering data							
	Electrical connection	Construc- tional design [mm <sup>2</sup> ]	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	<b>KM12-8GD8GS-2-PU</b>	<b>525 617</b>

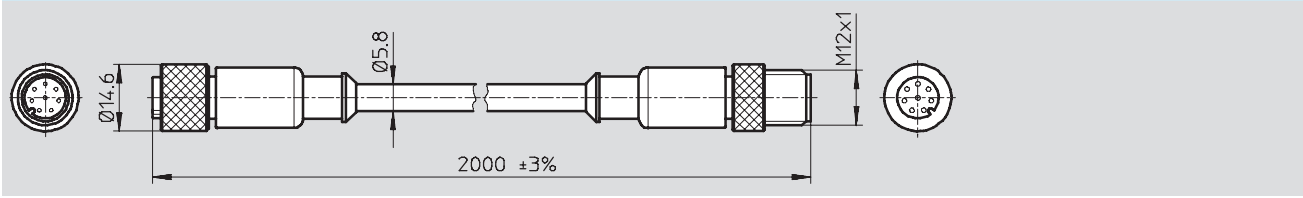
# Electrical connection technology, for inputs/outputs

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## Dimensions

Download CAD data → [www.festo.com](http://www.festo.com)

KM12-8GD8GS



## 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	

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