

1239953

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Device connector rear mounting, 4-position, Socket, straight, M12-SPEEDCON, D-coding, Solder pins, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1239953
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB26
Product key	ABQEHI
GTIN	4063151425593
Weight per piece (including packing)	12.62 g
Weight per piece (excluding packing)	9.758 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Order information:	Lock nut is included in the scope of delivery

Product properties

Product type	Circular connectors (device side)	
Number of positions	4	
Shielded	yes	
Coding	D	
Thread type	M12	

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	GD-Zn
Material	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Ni/Au
Material Seal	FKM / EPDM
Flammability rating according to UL 94	V0

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	250 V
Nominal current I _N	4 A

Connection data

Conductor connection

Connection method	Solder pins
Contact connection type	Socket

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100



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Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	D

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C 85 °C (Plug / socket)

Standards and regulations

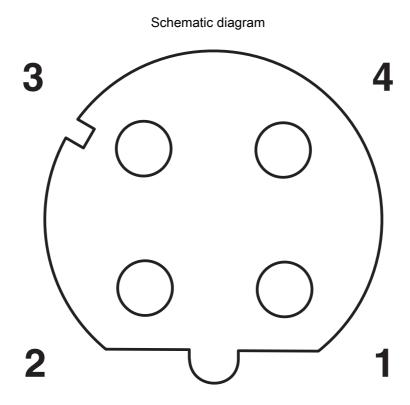
Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101



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Drawings



Pin assignment M12 socket, 4-pos., D-coded, female side



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Classifications

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	ECLASS-13.0	27440110	
ETIM			
	ETIM 9.0	EC003569	
UNSPSC			
	UNSPSC 21.0	26121600	



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions		
China RoHS			
Environment friendly use period (EFUP)	EFUP-E		
	No hazardous substances above the limits		
EU REACH SVHC			
REACH candidate substance (CAS No.)	No substance above 0.1 wt%		

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