SACC-8P-DSI-M12MS/FS-M16 - Control cabinet feedthrough



1551697

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Sensor/actuator control cabinet feed-through, male to female, 8-pos., M12, shielded, bipolar/screw mounting with M16 thread



Commercial data

Item number	1551697
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABQFAA
Product key	ABQFAA
Catalog page	Page 53 (C-2-2019)
GTIN	4046356156202
Weight per piece (including packing)	31.6 g
Weight per piece (excluding packing)	31 g
Customs tariff number	85366990
Country of origin	CZ



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Technical data

Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Mounting	
Mounting type	Rear mounting M16 x 1.5
Product properties	
Product type	Circular connectors (device side)
Number of positions	8

Shielded	no	
Coding	A	
Thread type	M12	
Insulation characteristics		

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	НВ
Seal material	FKM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	30 V
Nominal current I _N	2 A

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	> 100

Connector

Connection 1



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Head design	Pin		
Head cable outlet	straight		
Head thread type	M12		
Coding	A		
Connection 2			
Head design	Socket		
Head cable outlet	straight		
Head thread type	M12		
Coding	A		

Cable/line

Ambient temperature (operation)	-40 °C 85 °C (cable, fixed installation)
	-25 °C 85 °C (Cable, flexible installation)

Environmental and real-life conditions

egree of protection	IP67
	IP67
nbient temperature (operation) (male connector/female onnector)	-25 °C 85 °C (Plug / socket)
nbient temperature (operation) (fixed installation)	-40 °C 85 °C (without mechanical actuation)
mbient temperature (operation) (Cable, flexible installation)	-25 °C 85 °C (Cable, flexible installation)
bient temperature (operation) (Cable, fixed installation)	-40 °C 85 °C (cable, fixed installation)
Type Rating	Type 4 (indoor use only)

Standards and regulations

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

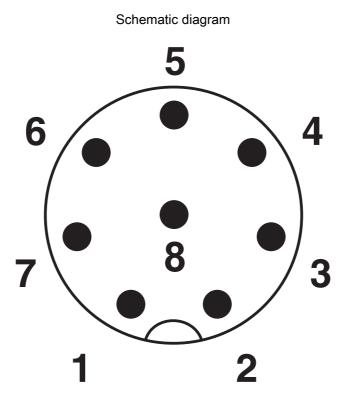
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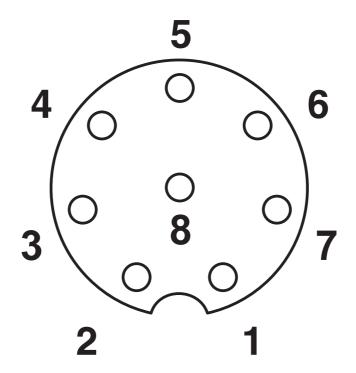
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Drawings



Pin assignment M12 plug, 8-pos., view plug side

Schematic diagram



Pin assignment M12 socket, 8-pos., A-coded, view female side

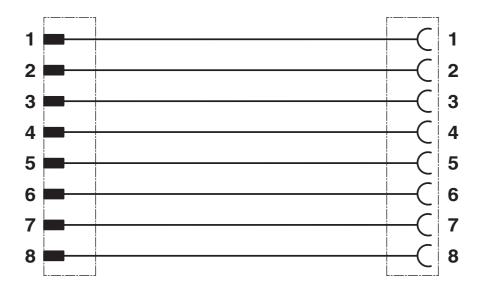
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Circuit diagram



Contact assignment of the M12 plug and the M12 socket



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Classifications

ECLASS

	ECLASS-13.0	27440109		
ET	ETIM			
	ETIM 9.0	EC003569		
UNSPSC				
	UNSPSC 21.0	39121400		



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	07adc8a8-6e40-4a91-a175-02299a723333

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