Panel feed-through - SACC-DSI-MS-5CON-PG 9/0,5 SCO - 1542703

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Sensor/actuator flush-type connector, 5-pos., M12 SPEEDCON, A-coded, rear/screw mounting with Pg9 thread, with 0.5 m TPE litz wire, 5 x 0.34 mm²

Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 42 (PC-2011)
GTIN	4 046356 097710
Custom tariff number	85444290
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au

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Technical data

General characteristics

Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Mounting type	Rear mounting Pg9 With flat nut
Connection method	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown,blue, white, gray
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)

Classifications

eclass

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001

etim

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061

unspsc

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501

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Classifications

unspsc

UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approvals submitted

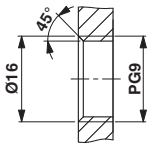
Approval details

UL Recognized

mm²/AWG/kcmil	26-2
Nominal current IN	4 A
Nominal voltage UN	60 V

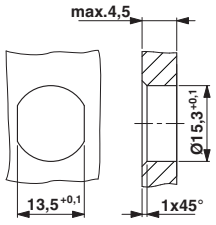
Drawings

Dimensioned drawing



Housing cutout for Pg9 fastening thread, mounting panel with thread

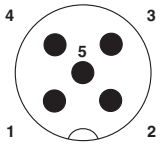
Dimensioned drawing



Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

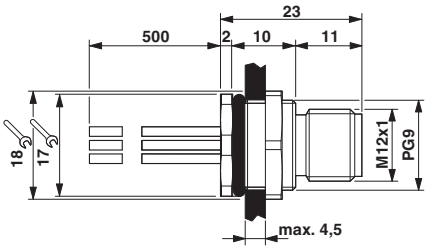
Panel feed-through - SACC-DSI-MS-5CON-PG 9/0,5 SCO - 1542703

Schematic diagram



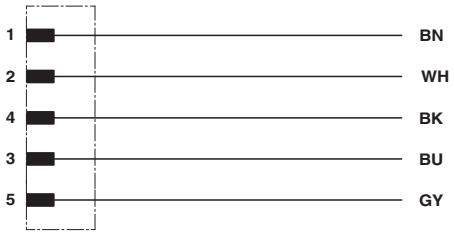
Pin assignment M12 male connector, 5-pos., A-coded, male side

Dimensioned drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug

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