

Panel feed-through - SACC-EC-M12MS-8CON-PG 9/0,5 VA - 1554636

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Sensor/actuator flush-type plug, 8-pos., M12, front/screw mounting with Pg9 thread, can be positioned, with 0.5 m TPE litz wire, 8 x 0.25 mm², high-grade steel version



Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	31.3 GRM
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	0.5 m
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67
	IP69K

General

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
Contact resistance	≤ 3 mΩ
Insulation resistance	> 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II

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Technical data

General

Pollution degree	3
Connection method	Individual wires

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA66 GF
Material, knurls	High-grade steel
Sealing material	NBR

Cable

Cable type	TPE litz wire
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Brown, blue, white, gray, pink, green, yellow, red
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 80 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

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Classifications

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals


Approvals


UL Recognized / GOST / GOST

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	26-20
Nominal current I _N	2 A
Nominal voltage U _N	30 V

GOST 	
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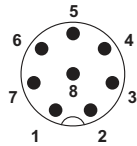
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Approvals



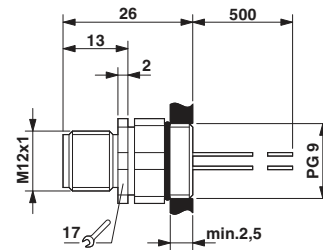
Drawings

Schematic diagram



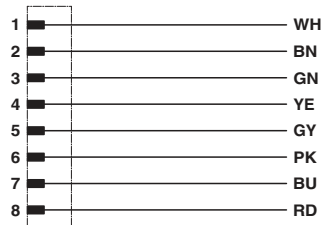
Pin assignment M12 plug, 8-pos., view plug side

Dimensioned drawing



M12 flush-type plug, can be positioned

Circuit diagram



Contact assignment of the M12 plug and the M12 socket