

Panel feed-through - SACC-E-M12FS-5CON-PG9/1,0 VAPO - 1401204


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Sensor/actuator flush-type socket, 5-pos., M12, A-coded, front/screw mounting with Pg9 thread, with 1 m TPE litz wire, 5 x 0.34 mm², stainless steel version, molded version



Key Commercial Data

Packing unit	1
GTIN	 4 046356 538244
GTIN	4046356538244
Custom tariff number	85444290

Technical data

Dimensions

Length of cable	1 m
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Ambient conditions

Degree of protection	IP67
	IP69K

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Insulation resistance	> 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II

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Technical data

General

Degree of pollution	3
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Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA66 GF
Material, knurls	Stainless steel
Sealing material	FKM

Cable

Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
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 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC

Standards and Regulations

Flammability rating according to UL 94	V0
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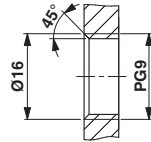
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

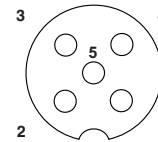
Panel feed-through - SACC-E-M12FS-5CON-PG9/1,0 VAPO - 1401204

Dimensional drawing



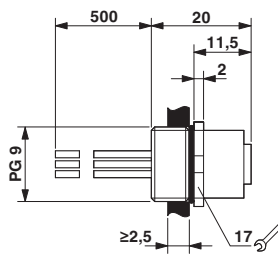
Housing cutout for Pg9 fastening thread, mounting panel with thread

Schematic diagram



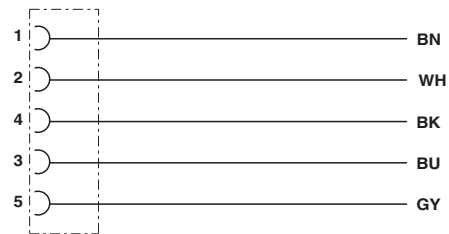
Pin assignment M12 socket, 5-pos., A-coded, socket side view

Dimensional drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501

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Classifications

UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals


Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN	60 V		
Nominal current IN	4 A		
mm ² /AWG/kcmil	22		

EAC		B.00767
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