

Panel feed-through - SACC-EC-M12FS-5CON-PG 9/0,5 VA - 1554652

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Sensor/actuator flush-type socket, 5-pos., M12, A-coded, front/screw mounting with Pg9 thread, can be positioned, with 0.5 m TPE litz wire, 5 x 0.34 mm², stainless steel version

Key commercial data

package_quantity	1
GTIN	4046356170277

Technical data

Dimensions

Length of cable	0.5 m
-----------------	-------

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP65
Degree of protection	IP67
Degree of protection	IP69K

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 3 mΩ
Insulation resistance	> 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Universal
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Individual wires

Material

Inflammability class according to UL 94	V0
Contact material	CuZn

Panel feed-through - SACC-EC-M12FS-5CON-PG 9/0,5 VA - 1554652

Technical data

Material

Contact surface material	Au
Contact carrier material	PA66 GF
Material, knurls	High-grade 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
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

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

Panel feed-through - SACC-EC-M12FS-5CON-PG 9/0,5 VA - 1554652

classifications

UNSPSC

UNSPSC 13.2	31251501
--------------------	----------

approvals

UL Recognized / GOST / GOST /

Approval details

UL Recognized 	
Nominal voltage UN	60 V
Nominal current IN	4 A
mm²/AWG/kcmil	26-20

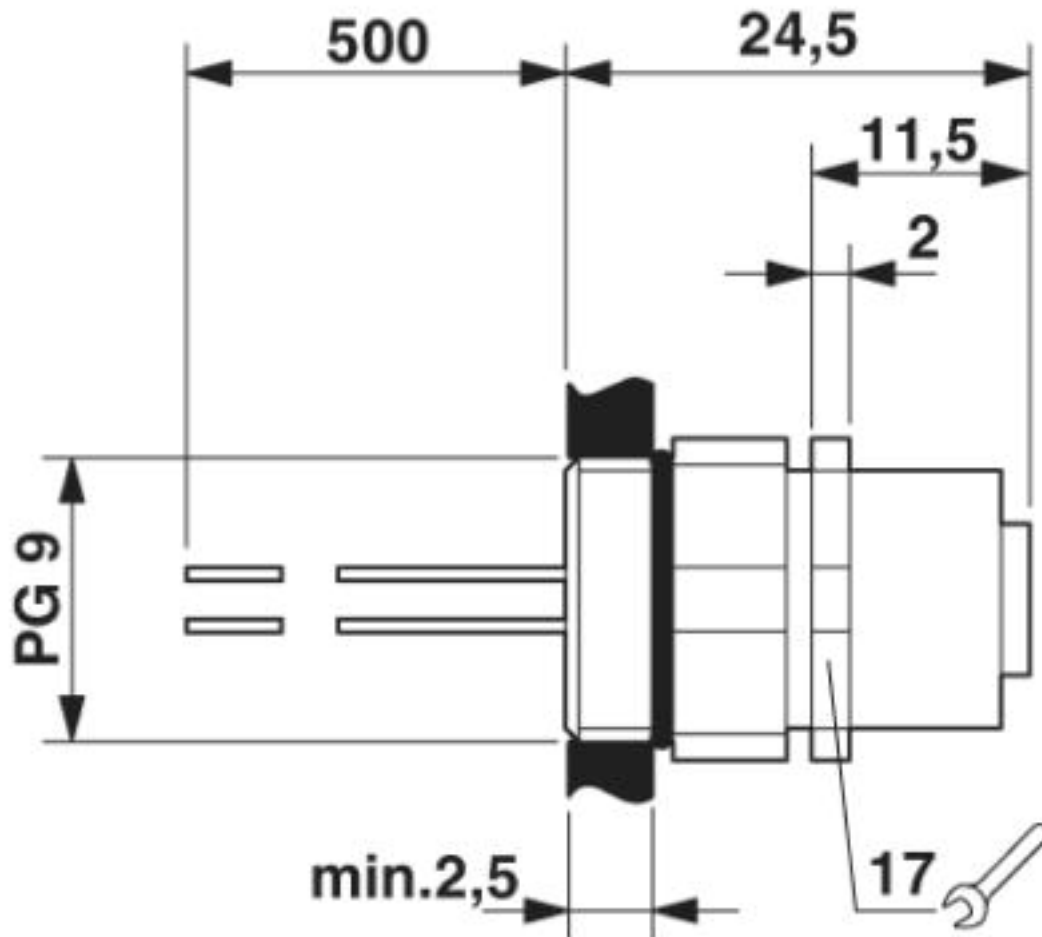
GOST 



Drawings

Panel feed-through - SACC-EC-M12FS-5CON-PG 9/0,5 VA - 1554652

Dimensioned drawing



M12 flush-type socket, can be positioned

Panel feed-through - SACC-EC-M12FS-5CON-PG 9/0,5 VA - 1554652

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>