SACC-E-M12FS-8CON-M16/1,0 - Panel feed-through

1400492

https://www.phoenixcontact.com/us/products/1400492

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Sensor/actuator flush-type socket, 8-pos., M12, A-coded, front/screw mounting with M16 thread, with 1 m TPE litz wire, 8 x 0.25 mm^2

Commercial data

Item number	1400492
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB24
Product key	ABQCFB
GTIN	4046356497619
Weight per piece (including packing)	39.7 g
Weight per piece (excluding packing)	26.4 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Product properties

Number of positions	8
No. of cable outlets	1
Shielded	no
Coding	A
Pg screw connection	M16 x 1.5

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

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
Max. conductor resistance	80 mΩ/m

Connection data

Connection method	Individual wires

Signaling

Status display	no
Status display present	no

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66 GF
Material for screw connection	Zinc die-cast, nickel-plated

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	A

Cable/line

Cable length	1 m
Cable type	TPE litz wire
Wire diameter incl. insulation	1.15 mm ±0.07 mm
Single wire, color	brown, blue, white, gray, pink, green, yellow, red
Cable cross section	0.25 mm²
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Thickness, insulation	0.21 mm
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Cable resistance	≤ 80 mΩ/m
Cable insulation resistance	≥ 20 MΩ*km

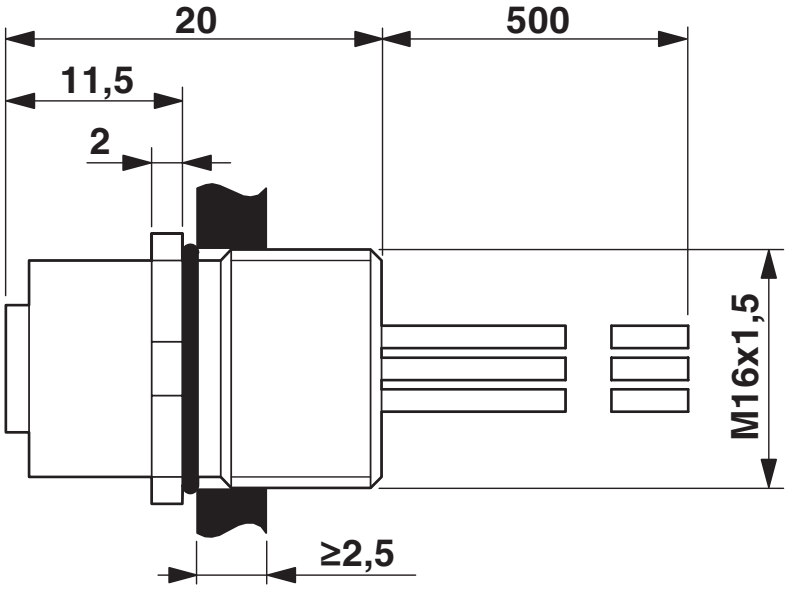
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-25 °C ... 90 °C (cable, fixed installation)

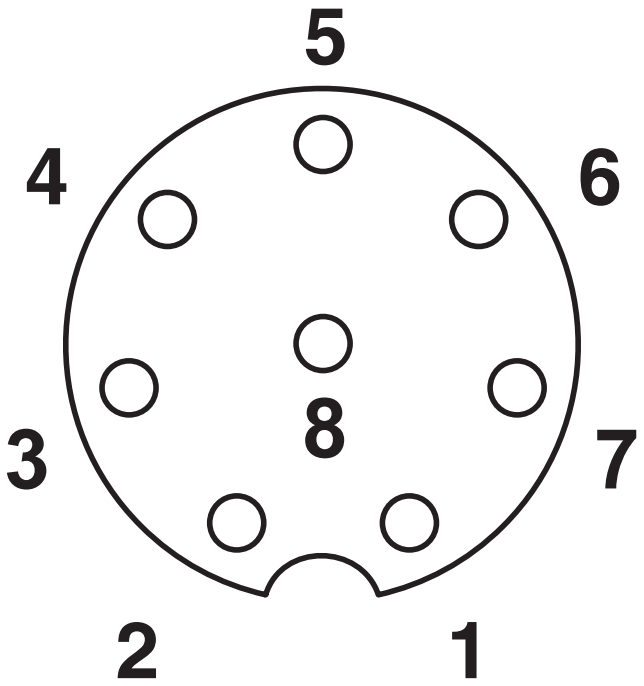
Drawings

Dimensional drawing



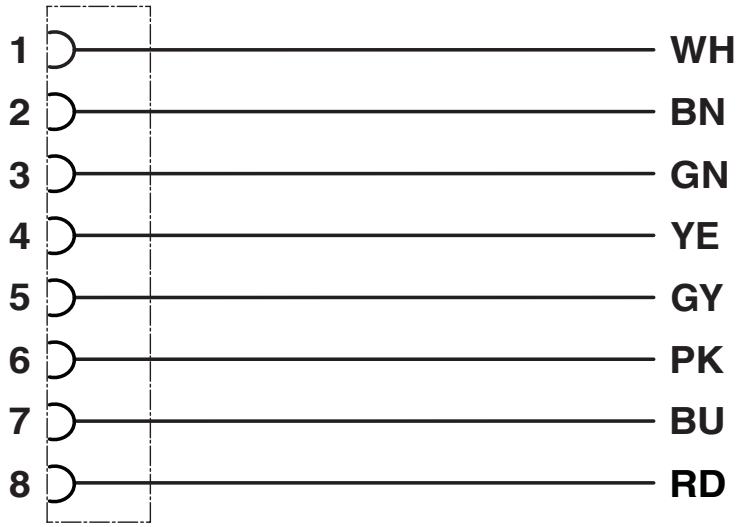
M12 flush-type connector

Schematic diagram



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

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Classifications

UNSPSC

UNSPSC 21.0	39121400

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)

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