

Flush-type connector - SACC-E-FS-5CON-M16/0,5 PP - 1027683

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Flush-type connector, Universal, 5-position, Socket, straight, M12-Push-Pull, A-coded, Front mounting, M16 x 1.5, Individual wires, cable length: 0.5 m

Why buy this product

- ✔ Established M12 standard for secure transmission of signals, data, and power
- ✔ Easy and quick cabling of devices and systems in hard-to-reach areas
- ✔ Manufacturer-independent M12 push-pull locking system for maximum availability
- ✔ Reliable shield connection even under extreme mechanical strain

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 533964
GTIN	4055626533964
Weight per Piece (excluding packing)	25.600 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

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

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using
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Technical data

General

	a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A-coded
Standards/regulations	M12 connector In line with
Signal type/category	Universal
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Front mounting M16 x 1.5

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material of grip body	Nickel-plated brass
Material, knurls	Nickel-plated brass
Material	Brass, nickel-plated
Sealing material	NBR/FKM
Additional material specifications	PU 2K (Grout material)

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 (Core insulation)
Wire colors	Yellow, orange, white, blue
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Standards/specifications	M12 connector In line with
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m

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Technical data

Cable

Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

Standards and Regulations

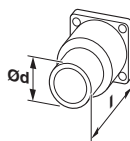
Standard designation	M12 connector
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Dimensional drawing



Dimensional drawings can be found under Downloads

Classifications

eCl@ss

eCl@ss 8.0	27440103
eCl@ss 9.0	27440103

ETIM

ETIM 6.0	EC002061
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Approvals

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cULus Recognized

Ex Approvals

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Approvals

Approval details

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20140616	
Nominal voltage UN	60 V
Nominal current IN	4 A
mm ² /AWG/kcmil	22-20