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Flush-type connector - SACCBP-M12FS-5CON-M16/0,5-PUR - 1550151

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Flush-type socket, shielded, 5-pos., M12, A-coded, rear/screw mounting with M16 thread, with 0.5 m line, 5 x 0.34 mm²

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 146395

Technical data

Dimensions

Length of cable	0.5 m
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Ambient conditions

Degree of protection	IP67
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General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3
Mounting type	Rear mounting, M16 x 1.5 thread with flat nut M16 x 1.5

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

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Technical data

Cable

Cable type	PUR halogen-free black
Cable abbreviation	Li9Y-V1-C-V1-11Y
AWG signal line	22
Wire colors	Brown, white, blue, black, gray
Overall twist	5 wires around filler to the core
Shielding	Braided copper wires
Optical shield covering	85 %
External sheath, color	black-gray RAL 7021
External cable diameter	5.90 mm
Cable weight	48 kg/km
Outer sheath, material	PUR
Material, filler	PE
Conductor material	Bare Cu litz wires

Standards and Regulations

Flammability rating according to UL 94	V0
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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	27440103

ETIM

ETIM 3.0	EC001856
ETIM 4.0	EC002061
ETIM 5.0	EC002061

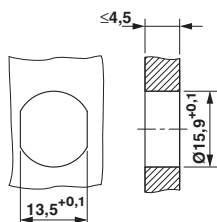
UNSPSC

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

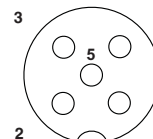
Drawings

Flush-type connector - SACCBP-M12FS-5CON-M16/0,5-PUR - 1550151

Dimensional drawing



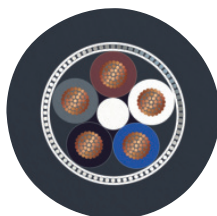
Schematic diagram



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

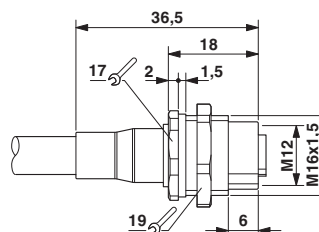
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Cable cross section



PUR halogen-free black [PUR]

Dimensional drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 socket

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Product	Code	Reference	Product link
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