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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Panel feed-through - SACC-DSI-MS-4CON-M12/0,5 SCO - 1551875

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Panel feed-through, 4-position, Flush-type plug, straightLink:M12-SPEEDCON, A-coded, Rear mounting, M12 x 1, Individual wires, Cable length: 0.5 m



### Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 43 (PC-2011)
GTIN	 4 046356 161930
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

#### General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au

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## Technical data

### General characteristics

Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Mounting type	Rear mounting M12 x 1 With flat nut
Connection method	Individual wires
Status display	No

### Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm <sup>2</sup>
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	brown, white, blue, black
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)

## Classifications

### eclass

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

### etim

ETIM 3.0	EC002061
ETIM 4.0	EC002061

### unspsc

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

# Panel feed-through - SACC-DSI-MS-4CON-M12/0,5 SCO - 1551875

## Classifications

unspsc

UNSPSC 13.2	31251501
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## Approvals

Approvals


Approvals

UL Recognized

Ex Approvals

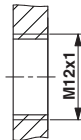
Approvals submitted

## Approval details

UL Recognized 	
mm²/AWG/kcmil	26-2
Nominal current IN	4 A
Nominal voltage UN	250 V

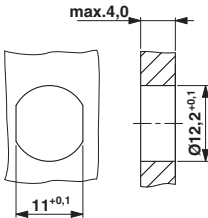
## Drawings

Dimensioned drawing



Housing cutout for M12 fastening thread, mounting panel with thread

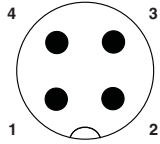
Dimensioned drawing



Housing cutout for M12 fastening thread, mounting panel with feed-through hole (alternative with surface as protection against rotation)

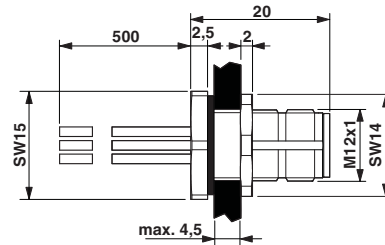
## Panel feed-through - SACC-DSI-MS-4CON-M12/0,5 SCO - 1551875

Schematic diagram



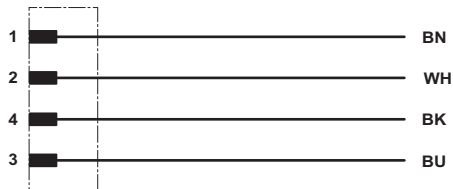
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Dimensioned drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug and the M12 socket