

## Flush-type socket - SACC-DSI-FSY-8CON-M16-L180 SCO - 1407503

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Hybrid flush-type socket, Ethernet, 8-pos., M12 SPEEDCON, rear/screw mounting with M16 thread, with straight solder connection


M12 panel feed-through, rear mounting

### Why buy this product

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- ✓ For high transmission reliability: optional shield connection to the housing by means of shield contact



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	20 STK
GTIN	 4 046356 807920
GTIN	4046356807920
Weight per Piece (excluding packing)	17.000 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C

#### General data

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if
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## Technical data

## General data

	there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	0.5 A (Data)
	6 A (Power)
Rated voltage	30 V (Data)
	30 V (Power)
Number of positions	8
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Overvoltage category	III
Degree of pollution	3
	3
Transmission characteristics (category)	CAT5 (IEC 11801:2002)

## Standards and Regulations

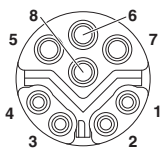
Flammability rating according to UL 94	V0
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## Environmental Product Compliance

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

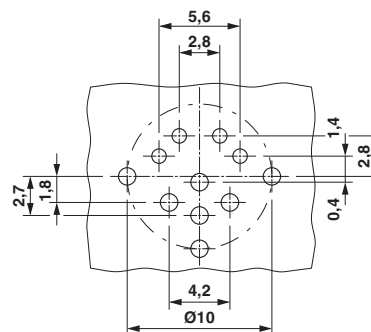
## Drawings

### Schematic diagram



Pin assignment M12 socket, 8-pos.

### Drilling diagram



Drilling diagram (drill hole layout determined by customer, according to the soldering process)



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### Approvals


#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized


#### Ex Approvals

#### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
Nominal current I <sub>N</sub>		4.5 A	
Nominal voltage U <sub>N</sub>		30 V	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
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EAC		B.01742	
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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