PHŒNIX CONTACT

Flush-type socket - SACC-DSI-FSX-8CON-PG9-L180 SCO - 1404741

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M12 panel feed-through, rear mounting

CAT6$_A$ flush-type socket, Ethernet, one-piece, 8-pos., M12-SPEEDCON, rear/screw mounting with Pg9 fastening thread, with straight solder connection

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	20 STK
GTIN	4 046356 737029
GTIN	4046356737029

Technical data

Ambient conditions

Degree of protection	IP67 (When plugged in)
Ambient temperature (operation)	-40 °C ... 85 °C

General data

Rated current at 40°C	0.5 A (Data)
Rated voltage	50 V AC
	60 V DC
Number of positions	8
Signal type/category	Ethernet CAT6$_A$
Standards/regulations	M12 connector IEC 61076-2-109
Overvoltage category	III

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Technical data

General data

Degree of pollution	3
	3
Alternative short product description	Ethernet flush-type socket

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-109
Flammability rating according to UL 94	V0

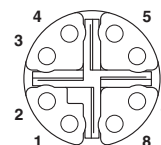### Environmental Product Compliance

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

Drawings

Dimensional drawing

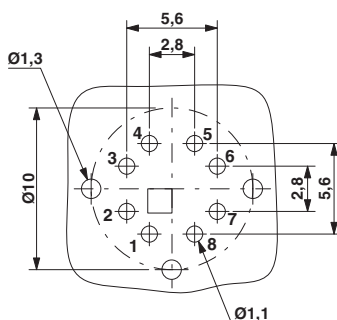max.4,5

Ø15,3 +0,1

13,5 +0,1   1x45°

Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)
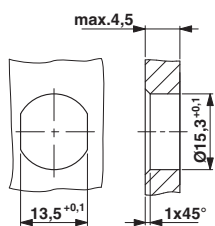
Schematic diagram

M12 socket pin assignment, 8-pos, view of socket side

Drilling diagram

5,6

2,8

Ø1,3

Ø10

2,8

5,6

Ø1,1

Soldering pad geometry

Approvals

Approvals

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Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
Nominal current IN		0.5 A	
Nominal voltage UN		60 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
Nominal current IN		0.5 A	
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EAC		B.01742

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm