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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

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

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

Technical data

General data

Degree of pollution	3
Alternative short product description	Ethernet flush-type socket
Connection method	Solder-in connection
Contact material	CuZn
Contact carrier material	PPA
Contact surface material	gold-plated

Standards and Regulations

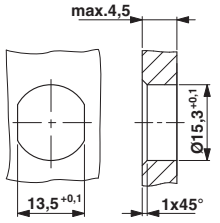
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-109
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

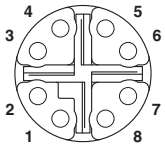
Drawings

Dimensional drawing



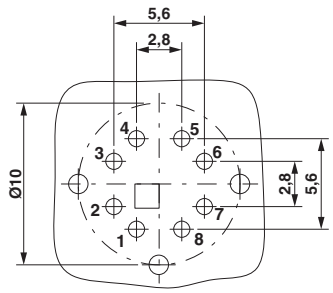
Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Schematic diagram



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

Drilling diagram



Soldering pad geometry

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

Approvals

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
Nominal voltage UN	60 V

EAC		B.01742

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

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com