

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



Ethernet



Key commercial data

Packing unit	1 pc
Minimum order quantity	20 pc
Weight per Piece (excluding packing)	17.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

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

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if 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
Contact resistance	≤ 3 mΩ

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Technical data

General

Insulation resistance	> 100 MΩ
Coding	Y - hybrid
Signal type/category	Ethernet CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Surge voltage category	III
Pollution degree	3
Connection method	Solder-in connection
Insertion/withdrawal cycles	≥ 100
Torque	3 Nm ... 4 Nm
Mounting type	Rear mounting M16 x 1.5

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PPA
Material, knurls	Zinc die-cast, nickel-plated
Material	Zinc die-cast (nickel-plated)
Sealing material	FKM

Cable

Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702

ETIM

ETIM 3.0	EC001031
ETIM 4.0	EC002498
ETIM 5.0	EC002498

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Classifications

UNSPSC

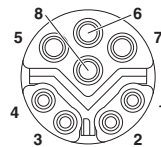
UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Drawings

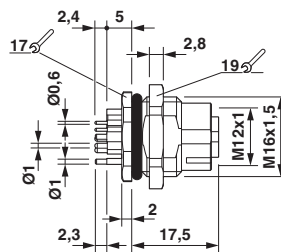
Drilling diagram

Drilling diagram (drill hole positions assignment M12 socket, 8-pos. determined by customer, according to the soldering process)

Schematic diagram



Dimensioned drawing



M12 flush-type socket, 180° connection, contact length: 6 mm