

Flush-type socket - VS-08-DSIV-L180-HYB SCO - 1456666

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Hybrid flush-type female connector, Ethernet, 8-pos., M12 SPEEDCON, front wall/screw mounting with M12 thread, with straight solder connection

M12 panel feed-through, front mounting



Ethernet



Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 620307
GTIN	4046356620307

Technical data

Dimensions

Length of the solder pin	2.3 mm
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Ambient conditions

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

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	48 V AC (Power and data)
	50 V DC (Power and data)

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Technical data

General

Rated surge voltage	0.8 kV
Number of positions	8
Insulation resistance	> 100 MΩ
Coding	Y - hybrid
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	≥ 100
Torque	1.5 Nm ... 2 Nm (Housing, installation side)
Mounting type	PCB mounting M12 x 1
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Thread type	M12 x 1

Material

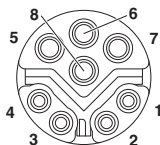
Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	EPDM

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

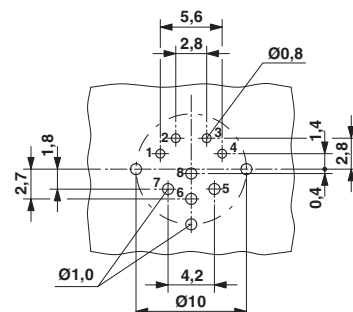
Drawings

Schematic diagram



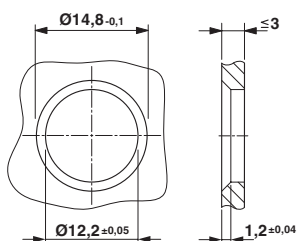
Pin assignment M12 socket, 8-pos.

Drilling diagram

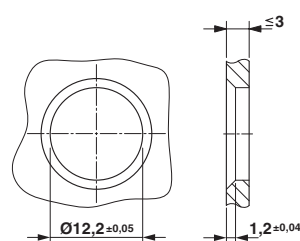


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Dimensional drawing



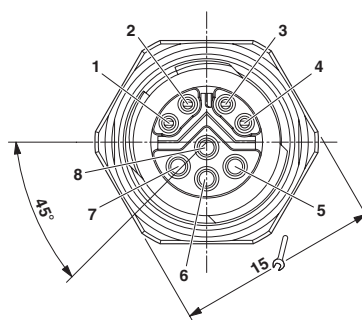
Dimensional drawing



Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 1

Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2

Dimensional drawing



M12 front view

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 4.0	EC002061
ETIM 6.0	EC002061
ETIM 7.0	EC002635

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Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

Approvals

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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 voltage UN	56.5 V		
Nominal current IN	0.175 A		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
Nominal voltage UN	56.5 V		
Nominal current IN	0.175 A		

EAC		B.01687
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Approvals

cULus Recognized



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