

Bus system flat-type plug - SACC-DSIV-MSD-4CON-L90 SCO - 1436592

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Bus system flush-type connector, connector, Ethernet, 4-pos., M12 SPEEDCON, shielded, D-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection



Ethernet



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	12.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

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

General

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	D - data
Status display	No
Overvoltage category	II
Degree of pollution	3

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Technical data

General

Connection method	Solder pins
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Standards and Regulations

Order No.	1436592
Product key	ABQCAC
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC000830
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

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Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

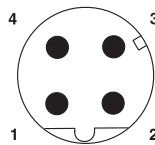
Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I _N	4 A
Nominal voltage U _N	250 V

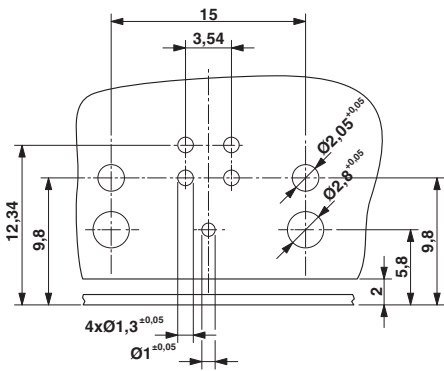
Drawings

Schematic diagram



Pin assignment M12 male connector, 4-pos., D-coded, male side

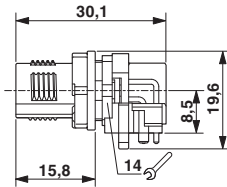
Drilling diagram



Drilling diagram

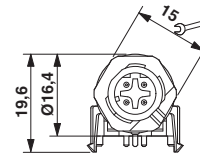
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Dimensional drawing



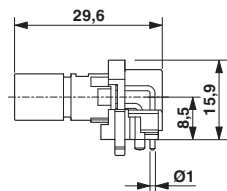
M12 flush-type connector, connector, side view

Dimensional drawing



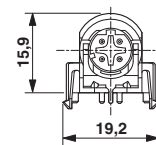
M12 flush-type connector, connector, front view

Dimensional drawing



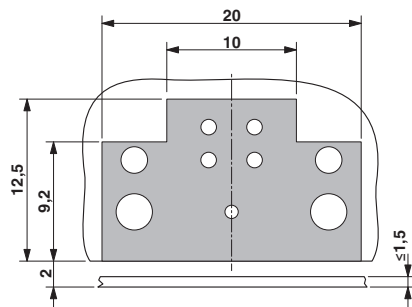
M12 flush-type connector, plug, contact carrier, side view

Dimensional drawing



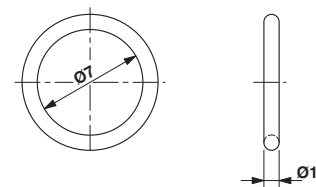
M12 flush-type connector, plug, contact carrier, front view

Dimensional drawing



Locked area on the PCB

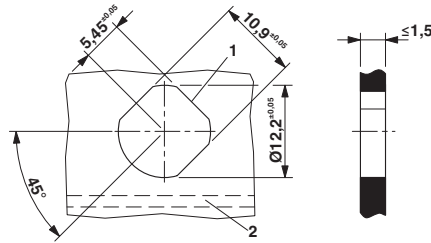
Dimensional drawing



Optionally with O-ring (green) for tight seal when plugged in.
 - the axial mating force of 80 N per connector may not be exceeded when using with assembled O-ring!
 - Avoid radial forces!

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Dimensional drawing



Panel cutout, view from front in case of horizontal PCB (2). The 3rd flat area is optional (1).