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![Phoenix Contact logo]

Flush-type connector - SACC-DSIV-MSB-5CON-L90 SCO - 1436615

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Sensor/actuator flush-type connector, connector, 5-pos., M12 SPEEDCON, B-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection

Key commercial data

Packing unit	1 1
Minimum order quantity	10 1
Weight per Piece (excluding packing)	1.0 GRM
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

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	$\leq$ 3 mΩ
Insulation resistance	$\geq$ 100 MΩ
Coding	B - inverse
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Solder pins

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Technical data

General

Mounting type	Rear mounting M12 x 1 With flat nut

Material

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

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	27449001

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

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

Approvals

Approvals

Flush-type connector - SACC-DSIV-MSB-5CON-L90 SCO - 1436615

Approvals

Approvals
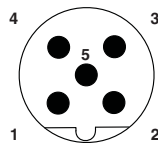
UL Recognized / GOST

Ex Approvals

Approvals submitted

Approval details

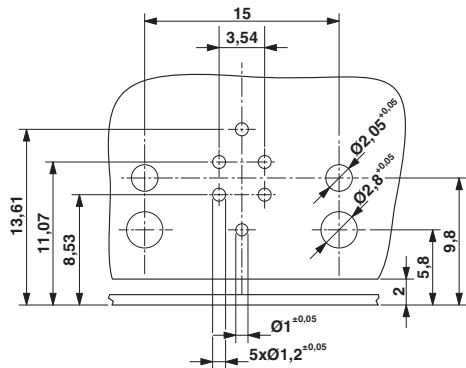| UL Recognized	
mm²/AWG/kcmil	26-20
Nominal current IN	4 A
Nominal voltage UN	60 V

GOST	

Drawings

Schematic diagram

Pin assignment M12 male connector, 5-pos., B-coded, male side
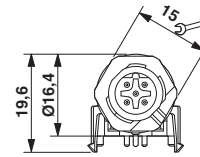
Drilling diagram

Drilling diagram

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Flush-type connector - SACC-DSIV-MSB-5CON-L90 SCO - 1436615
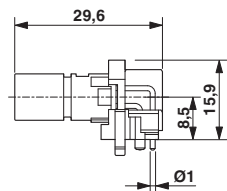
Dimensioned drawing
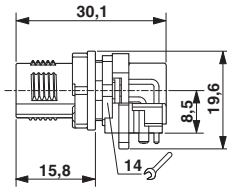
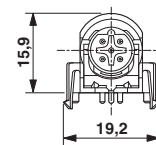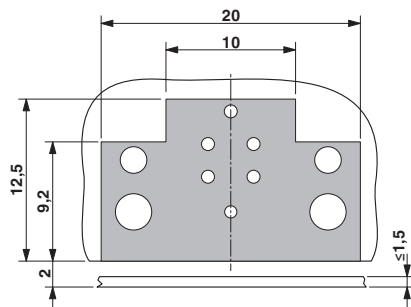M12 flush-type connector, connector, side view

Dimensioned drawing

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

Dimensioned drawing

Locked area on the PCB

Dimensioned drawing

M12 flush-type connector, connector, front view

Dimensioned drawing

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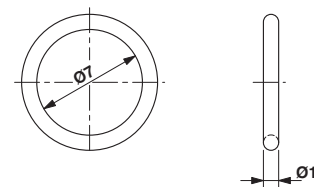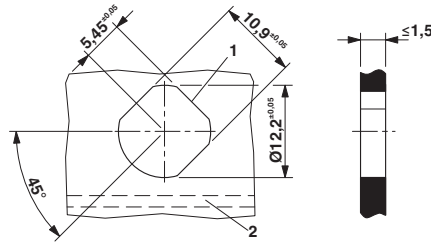
Dimensioned drawing

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!

Flush-type connector - SACC-DSIV-MSB-5CON-L90 SCO - 1436615

Dimensioned drawing

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