

Flush-type connector - SACC-CI-FS-5CON-L 90 SH SCO - 1432431

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Sensor/actuator flush-type connector, socket, 5-pos., A-coded, shielded, with angled solder connection, only contact insert

Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 53 (PC-2011)
GTIN	 4 046356 410762
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Sealing material	FKM / EPDM
Mounting type	PCB mounting

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Technical data

General characteristics

Connection method	Solder pins
Status display	No

Classifications

eclass

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103

etim

ETIM 3.0	EC002061
ETIM 4.0	EC002061

unspsc

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

UL Recognized / GOST

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized 	
mm²/AWG/kcmil	26-2
Nominal current I _N	4 A
Nominal voltage U _N	60 V

GOST 
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Accessories

Necessary add-on products

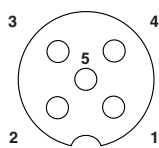
Housing screw connection - SACC-M12-SCO NUT L 90 - 1432460



M12-SPEEDCON housing screw connection for M12 female inserts, with flat gasket, for all Speedcon-compatible THR and wave soldering contact carriers

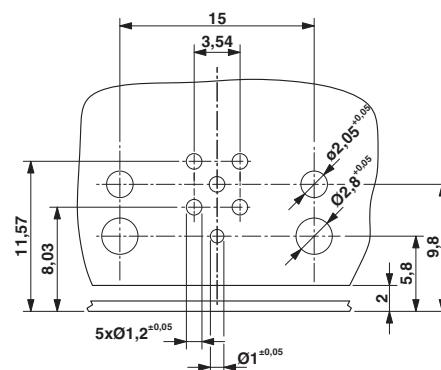
Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

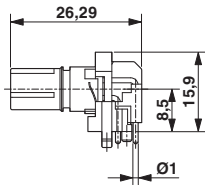
Drilling diagram



Drilling diagram only valid in connection with the SACC-M12-SCO NUT L90 housing (order no. 1432460)

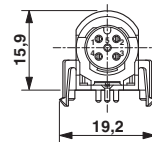
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Dimensioned drawing



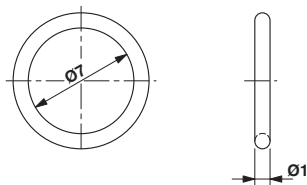
M12 flush-type connector, socket, contact carrier, side view

Dimensioned drawing



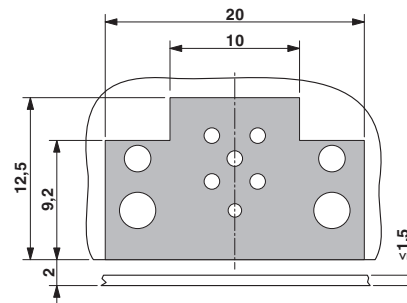
M12 flush-type connector, socket, contact carrier, front view

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!

Dimensioned drawing



Locked area on the PCB