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# Flush-type connector - SACC-DSIV-MS-8CON-L90 SCO - 1436961

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Sensor/actuator flush-type connector, connector, 8-pos., M12 SPEEDCON, A-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection



## Key Commercial Data

Packing unit	10 STK
GTIN	 4 046356 438537

## Technical data

### Ambient conditions

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

### General

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3
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

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## Technical data

### Material

Material, knurled	Zinc die-cast, nickel-plated
Sealing material	NBR

### Standards and Regulations

Flammability rating according to UL 94	V0
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## 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	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

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#### Approvals

UL Recognized

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#### Ex Approvals

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#### Approvals submitted

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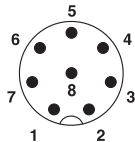
## Approvals

### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	2 A
Nominal voltage U <sub>N</sub>	30 V

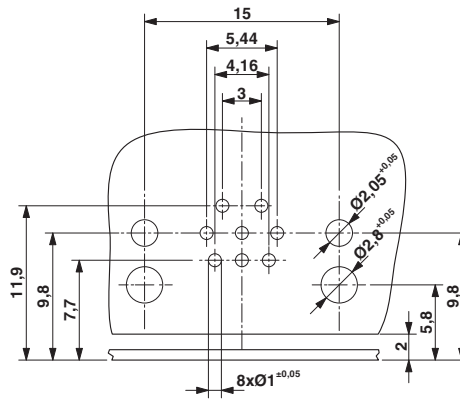
## Drawings

Schematic diagram



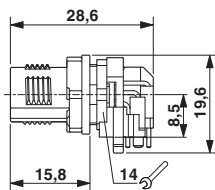
Pin assignment M12 plug, 8-pos., A-coded, view plug side

Drilling diagram



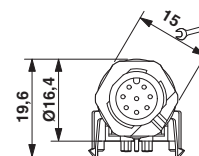
Drilling diagram

Dimensional drawing



M12 flush-type connector, connector, side view

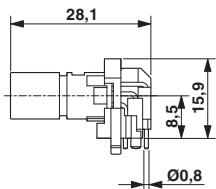
Dimensional drawing



M12 flush-type connector, connector, front view

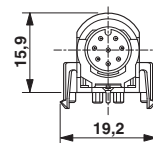
# Flush-type connector - SACC-DSIV-MS-8CON-L90 SCO - 1436961

Dimensional drawing



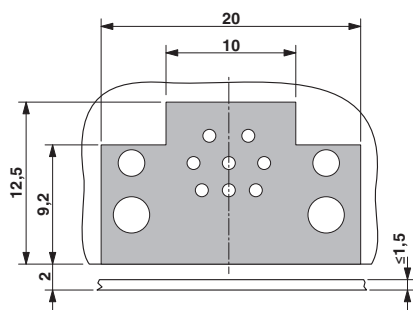
M12 flush-type connector, plug, contact carrier, side view

Dimensional drawing



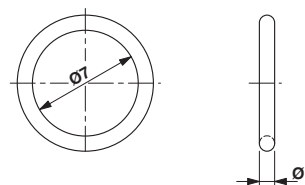
M12 flush-type connector, plug, contact carrier, front view

Dimensional drawing



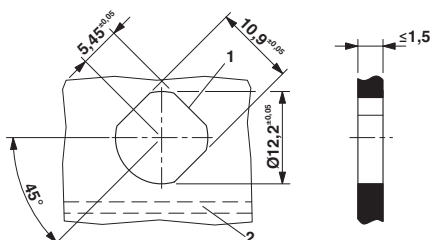
Locked area on the PCB

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!

Dimensional drawing



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



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Product	Code	Reference	Product link
Sensor/actuator flush-type connector, connector, 8-pos., M12 SPEEDCON, A-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection	1436961	SACC-DSIV-MS-8CON-L90 SCO	<a href="#">Buy on EAN</a>