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# Flush-type connector - SACC-CI-M12MS-17CON-SH TOR 32 - 1457607

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Sensor/actuator flush-type plug, 17-pos. with shroud, A-coded, with straight THR solder connection, contact insert only

## Why buy this product

- Reduzierte Montagekosten dank zweiteiliger Gerätesteckverbinder
- Verpackungen für automatisierte Pick- and Place-Bestückung verfügbar
- Alle gängigen Polbilder und Kodierungen verfügbar
- Einfache Geräteintegration durch mechanische Port-Verschraubungen mit Gewindefestigung, Einpresskontur oder zur direkten Integration in die Frontplatte

## Key Commercial Data

Packing unit	100 STK
Minimum order quantity	100 STK
GTIN	 4 046356 617352

## Technical data

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67

### 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	1.5 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	17
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101

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## Technical data

### General

Overvoltage category	III
Degree of pollution	3
Test voltage	0.8 kV
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	PCB mounting
Type of packaging	Belt
Delivery state	with assembly pad

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
Sealing material	FKM

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

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
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

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## Classifications

### UNSPSC

UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals

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### Approvals

UL Recognized / EAC

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### Ex Approvals

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### Approvals submitted

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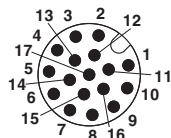
## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	1.5 A
Nominal voltage U <sub>N</sub>	30 V

EAC
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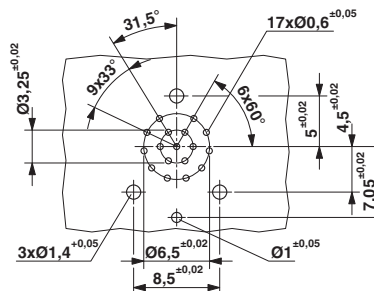
## Drawings

Schematic diagram



Pin assignment M12 male connector, 17-pos., male side view

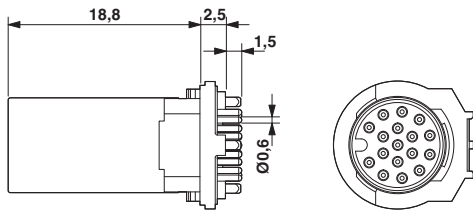
Drilling diagram



Drilling diagram

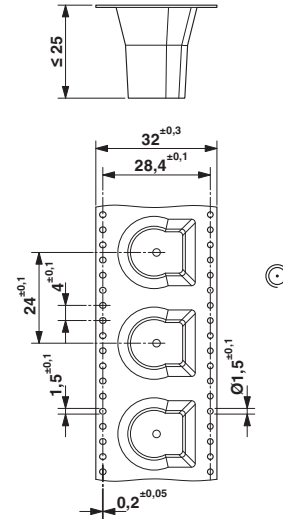
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Dimensional drawing



M12 male connector contact carrier

Dimensional drawing



THR tape-on-reel packing

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Product	Code	Reference	Product link
Sensor/actuator flush-type plug, 17-pos. with shroud, A-coded, with straight THR solder connection, contact insert only	1457607	SACC-CI-M12MS-17CON-SH TOR 32	<a href="#">Buy on EAN</a>