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Sensor/actuator flush-type socket, 5-pos., M12 SPEEDCON, B-coded, rear/screw mounting with M16 thread, with straight solder connection





Key commercial data

Packing unit	11
Minimum order quantity	20 1
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of the solder pin	6 mm

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	$\leq 3 \text{ m}\Omega$
Insulation resistance	\geq 100 M Ω
Coding	B - inverse
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	П



Technical data

General

Pollution degree	3
Connection method	Solder pins
Mounting type	Rear mounting M16 x 1.5 With flat nut

Material

Inflammability class 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

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103

ETIM

ETIM 2.0	EC001297
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	39121413

Approvals

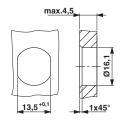
Approvals



Approvals
Approvals
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Ex Approvals
Approvals submitted
Approval details
GOST C
GOST C

Drawings

Dimensioned drawing



Schematic diagram

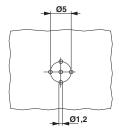


Pin assignment M12 socket, 5-pos., B-coded, female side

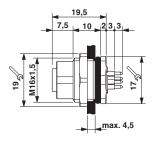
Housing cutout for M16 fastening thread, mounting panel with feedthrough hole (alternatively with surface as protection against rotation)



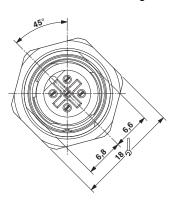
Drilling diagram



Dimensioned drawing



Dimensioned drawing



M12 front view

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