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Sensor/actuator flush-type plug, 5-pos., M12-SPEEDCON, A-coded, rear/screw mounting with Pg9 thread, with straight solder connection, design with 12 mm long solder pins





Key commercial data

Packing unit	11
Minimum order quantity	20 1
Weight per Piece (excluding packing)	14.54 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of the solder pin	12 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	≥ 100 MΩ	
Coding	A - standard	
Standards/regulations	M12 connector IEC 61076-2-101	
Status display	No	



Technical data

General

Surge voltage category	II	
Pollution degree	3	
Connection method	Solder pins	
Mounting type	Rear mounting Pg9 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	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	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

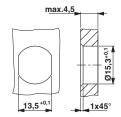


Approvals		
Approvals		
UL Recognized / GOST / GOST		
Ex Approvals		
Approvals submitted		
Approval details		
UL Recognized \$\)		
mm²/AWG/kcmil Nominal current IN	26-20 4 A	
Nominal voltage UN		
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Drawings



Dimensioned drawing



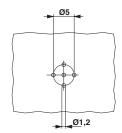
Schematic diagram



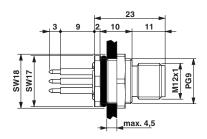
Pin assignment M12 male connector, 5-pos., A-coded, male side

Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Drilling diagram

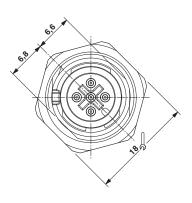


Dimensioned drawing



M12 flush-type connector

Dimensioned drawing



M12 front view

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