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Sensor/actuator flush-type plug, 5-pos., M12-SPEEDCON, B-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) | 14.0 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 | \geq 100 M Ω |
| Coding | B - inverse |
| 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 | EC002061 |
| ETIM 5.0 | EC002061 |

UNSPSC

| UNSPSC 6.01 | 31261501 |
|---------------|----------|
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |

Approvals

Approvals

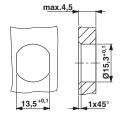


| Approvals | |
|-----------------------------|-------|
| Approvals | |
| UL Recognized / GOST / GOST | |
| Ex Approvals | |
| Approvals submitted | |
| Approval details | |
| UL Recognized \$\) | |
| mm²/AWG/kcmil | 26-20 |
| Nominal current IN | 4 A |
| Nominal voltage UN | 60 V |
| | |
| GOST | |
| | |
| GOST | |

Drawings



Dimensioned drawing



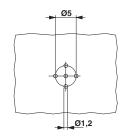
Schematic diagram



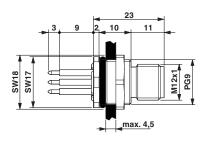
Pin assignment M12 male connector, 5-pos., B-coded, male side

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

Drilling diagram

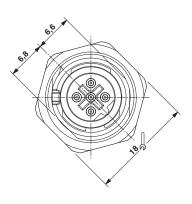


Dimensioned drawing



M12 flush-type plug

Dimensioned drawing



M12 front view

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