

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



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









Key commercial data

Packing unit	11
Minimum order quantity	60 1
Weight per Piece (excluding packing)	9.59 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

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 m Ω
Insulation resistance	≥ 100 MΩ
Coding	B - inverse
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	THR solder connection



Technical data

General

Mounting type	Rear mounting M12 x 1 With flat nut	
Material		
Inflammability class according to UL 94	V0	
Contact material	CuZn	
Contact surface material	Ni/Au	
Contact carrier material	PA 66	
Material, knurls	Zinc die-cast, nickel-plated	
Sealing material	FKM / EPDM	

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	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals



Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



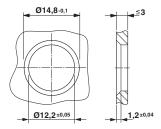
Drawings

Schematic diagram



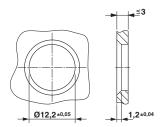
Pin assignment M12 male connector, 5-pos., B-coded, male side

Dimensioned drawing



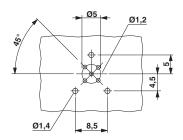
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 1

Dimensioned drawing



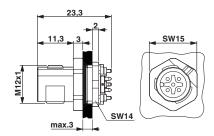
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2

Drilling diagram



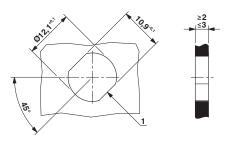


Dimensioned drawing



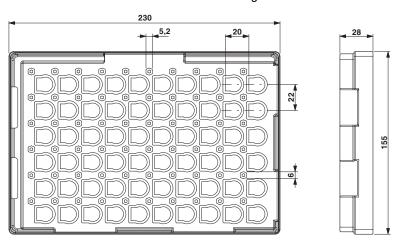
M12 flush-type plug

Dimensioned drawing



Housing cutout for M12 fastening thread, mounting panel with feedthrough hole (alternative with surface as protection against rotation)

Dimensioned drawing



THR tray packaging

© Phoenix Contact 2013 - all rights reserved http://www.phoenixcontact.com