



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Flush-type connector - SACC-E-M12FS-5CON-PG9/0,2 - 1458800


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Sensor/actuator flush-type socket, 5-pos., M12, A-coded, front/screw mounting with Pg9 thread, with 0.2 m TPE litz wire, 5 x 0.34 mm²



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	100 STK
GTIN	 4 046356 649285
GTIN	4046356649285

Technical data

Dimensions

Length of cable	0.5 m
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Ambient conditions

Degree of protection	IP67
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General

Rated current at 40°C	4 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Number of positions	5
Insulation resistance	> 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Universal
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Individual wires

Flush-type connector - SACC-E-M12FS-5CON-PG9/0,2 - 1458800

Technical data

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA66
Material, knurls	Nickel-plated brass
Sealing material	NBR

Cable

Cable type	TPE litz wire
AWG signal line	22
Wire colors	Black, brown, blue, white, gray
Conductor material	Tin-plated Cu litz wires
Standards/specifications	M12 connector IEC 61076-2-101

Standards and Regulations

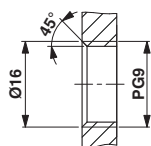
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

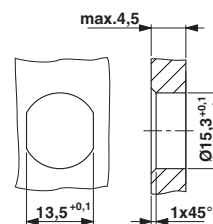
Drawings

Dimensional drawing



Housing cutout for Pg9 fastening thread, mounting panel with thread

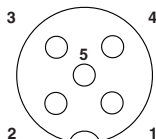
Dimensional drawing



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

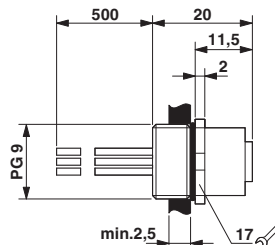
Flush-type connector - SACC-E-M12FS-5CON-PG9/0,2 - 1458800

Schematic diagram



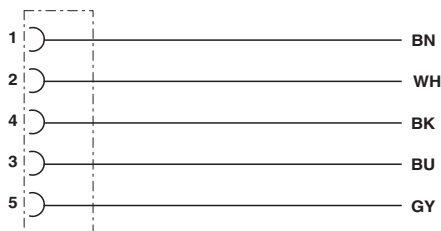
Pin assignment M12 socket, 5-pos., A-coded, socket side view

Dimensional drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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