

Device connector, rear mounting - SACC-DSIV-M 8MS-3CON-L 90



1440070

<https://www.phoenixcontact.com/us/products/1440070>

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Sensor/actuator flush-type connector, male, 3-pos., M8, rear/screw mounting with M8 thread, with polarity protection, with angled solder connection

Your advantages

- Standard pin assignments and codings for signal transmission with a uniform design-in design

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Commercial Data

Item number	1440070
Packing unit	1 pc
Minimum order quantity	20 pc
Sales Key	A11
Product Key	ABQBAC
Catalog Page	Page 230 (C-2-2013)
GTIN	4046356480871
Weight per Piece (including packing)	4.389 g
Weight per Piece (excluding packing)	4.135 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Product properties

Product type	Circular connectors (device side)
Number of positions	3
Shielded	no
Coding	A - standard

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Ambient conditions

Degree of protection	IP67
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C

Connector

Header 1

Head design	Plug
Head cable outlet	straight
Head thread type	M8
Coding	A-coded

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	4 A

Material specifications

Flammability rating according to UL 94	HB
Sealing material	NBR
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Cable gland material	Nickel-plated brass

Connection data

Conductor connection

Connection method	Solder pins
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Mounting

Mounting type	Rear mounting M8 x 1 With flat nut
Assembly instructions	With flat nut

Standards and regulations

Standards/specifications	IEC 61076-2-104
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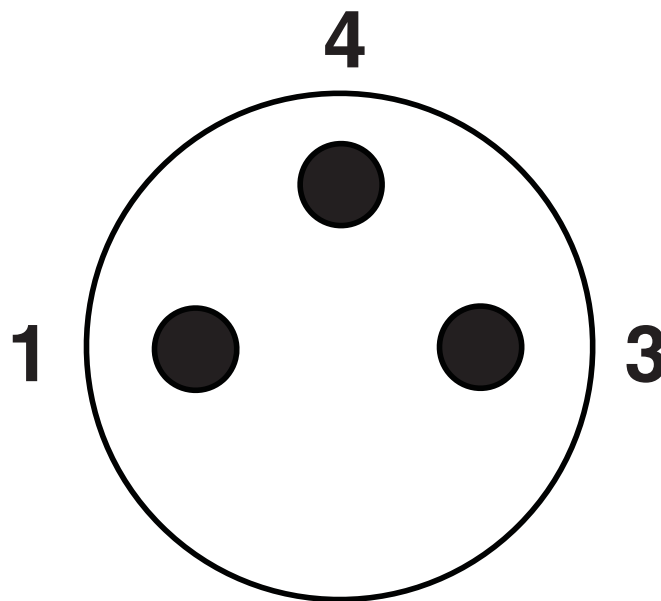
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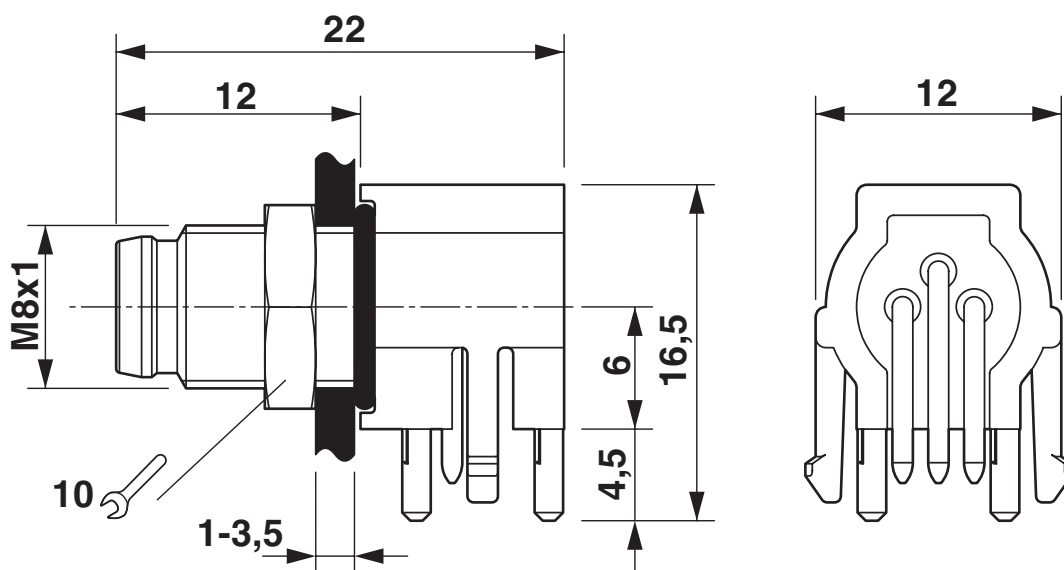
Drawings

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

Dimensional drawing



M8 flush-type plug

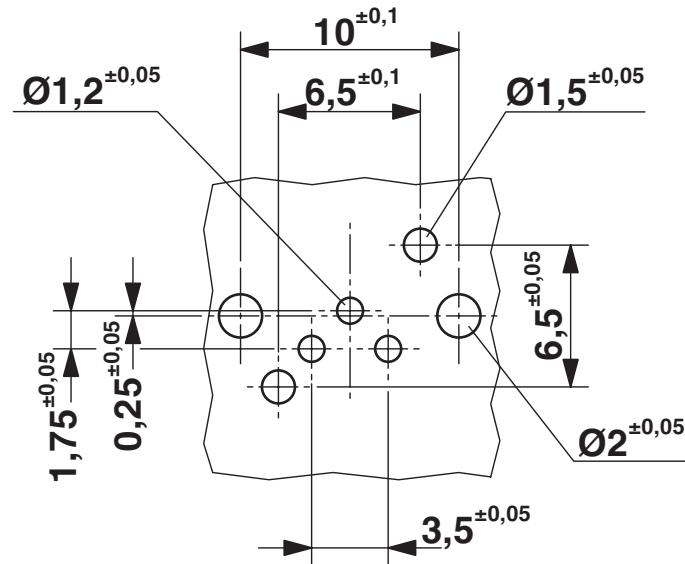
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Drilling plan/solder pad geometry



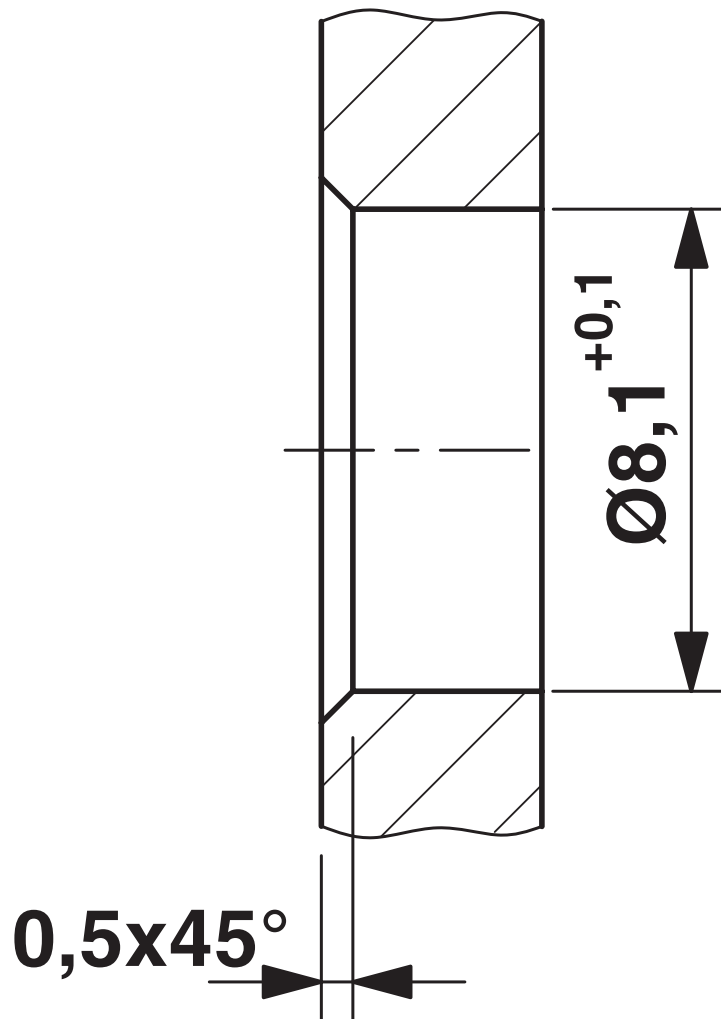
Drilling diagram

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Dimensional drawing



Mounting panel with feed-through hole

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Approvals



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-9.0	27440102
ECLASS-10.0.1	27440102
ECLASS-11.0	27440102

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com