

SACC-DSIV-M8FS-3CON-M10-L90 AU - Device
connector rear mounting

1424314
<https://www.phoenixcontact.com/us/products/1424314>

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Device connector rear mounting, 3-position, Socket, angled, M8, Rear mounting, M8 x 1, Solder pins

Commercial data

Item number	1424314
Packing unit	20 pc
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Sales key	AB22
Product key	ABQYAA
GTIN	4046356729093
Weight per piece (including packing)	6.95 g
Weight per piece (excluding packing)	6.95 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

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

Product properties

Product type	Circular connectors (device side)
Number of positions	3
Shielded	yes
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Nominal voltage U_N	30 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Solder pins
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Connector

Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M8

Environmental and real-life conditions

Ambient conditions

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

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Standards and regulations

Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

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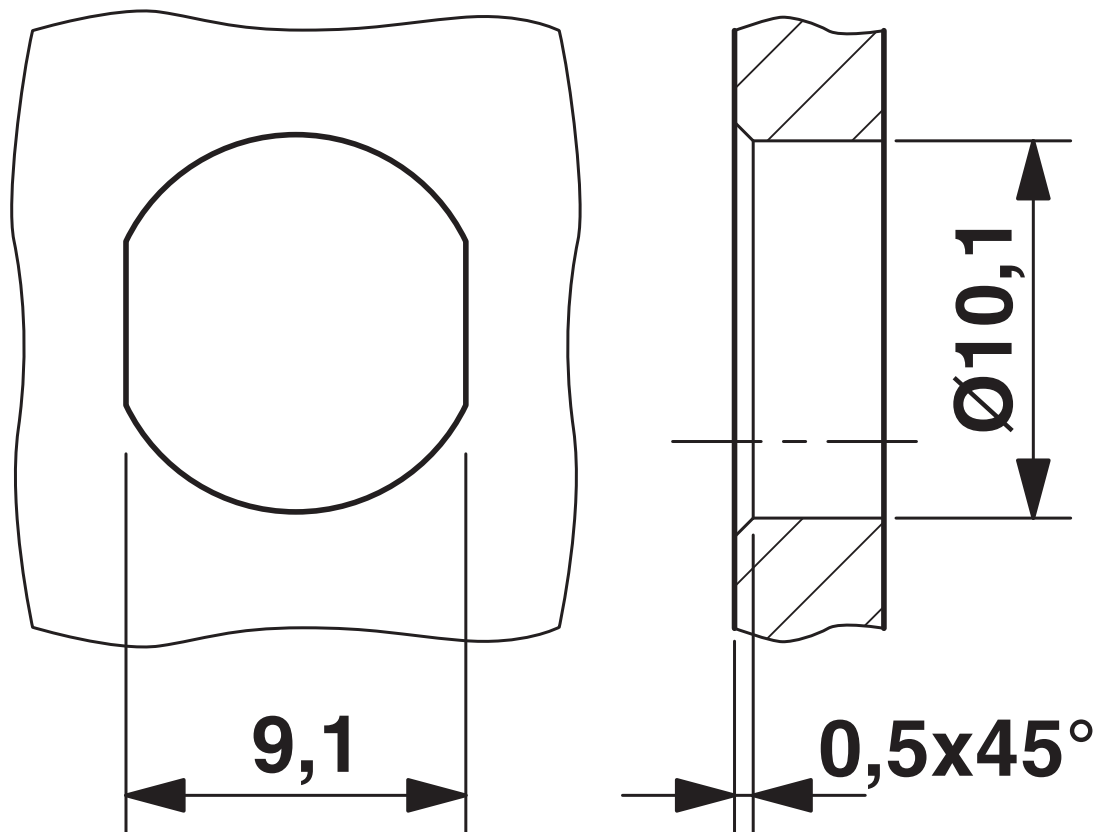


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Drawings

Dimensional drawing



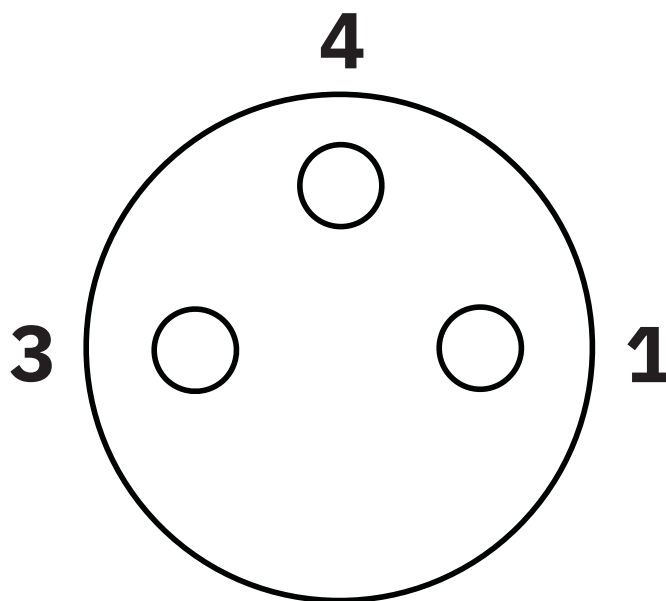
Mounting panel with feed-through hole

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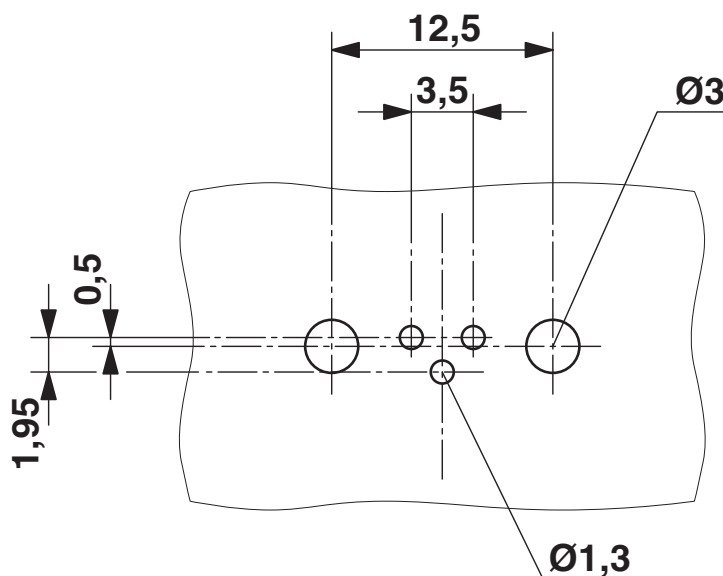
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Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

Drilling plan/solder pad geometry



Drilling diagram

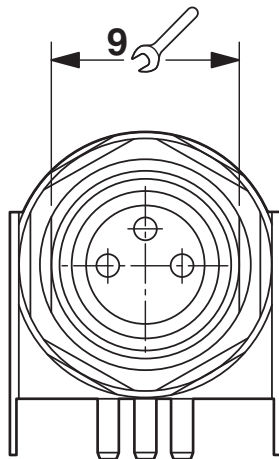
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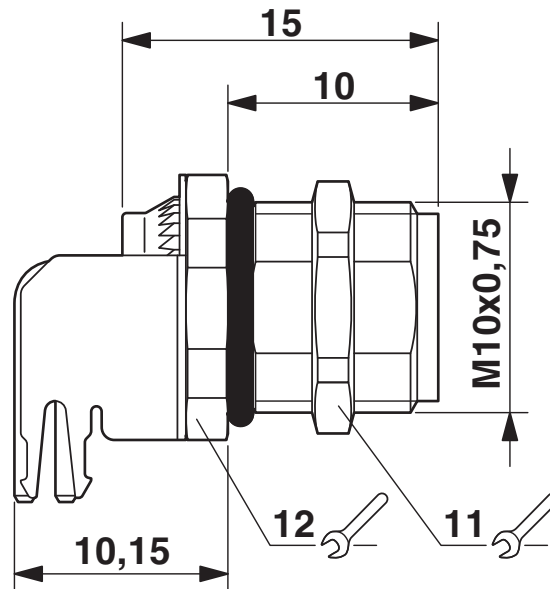
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Dimensional drawing



M8 flush-type socket



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Approvals

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	cUL Recognized			
	Approval ID: E221474-20070307			
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
		30 V	4 A	24 - 24
				Cross section mm ²
				-

	UL Recognized			
	Approval ID: E221474-20070307			
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
		30 V	4 A	24 - 24
				Cross section mm ²
				-

cULus Recognized				
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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121413
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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