SACC-CI-M8FS-3P SMD T - Contact carrier

1412220

https://www.phoenixcontact.com/us/products/1412220

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Contact carrier, 3-position, Socket, straight, M8, A-coding, SMD reflow, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Your advantages

- Reduced mounting costs thanks to two-piece device connector
- Packaging available for automated pick and place assembly
- All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- Optional shield connection and seal for the device when not plugged in

Commercial data

Item number	1412220
Packing unit	60 pc
Minimum order quantity	60 pc
Sales key	AB22
Product key	ABQHCS
GTIN	4046356988308
Weight per piece (including packing)	2.733 g
Weight per piece (excluding packing)	1.9 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Contact insert
Application	Signal
Number of positions	3
No. of control contacts	3
Seal present	no
Shielded	no
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	III

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	4 A

Connection data

Connection method	SMD reflow

Material specifications

Flammability rating according to UL 94	V0

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M8
Coding	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Environmental and real-life conditions

Ambient conditions

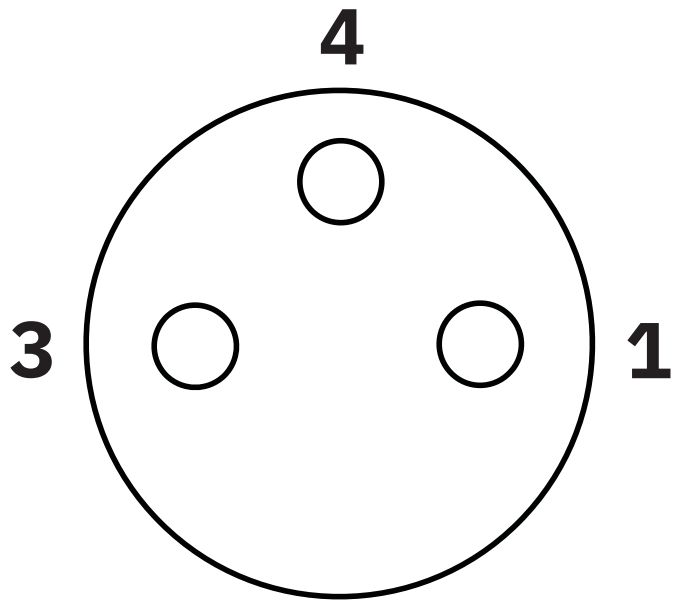
Degree of protection	IP67 (When plugged in)

Packaging specifications

Type of packaging	Tray

Drawings

Schematic diagram



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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1412220

cULus Recognized
Approval ID: E221474

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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	60 V	4 A	-	-

Classifications

ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

ETIM

ETIM 10.0	EC003557

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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