SACC-DSI-M8MS-8CON-M8/0,5 - Device connector rear mounting

1424230

https://www.phoenixcontact.com/us/products/1424230

Device connector rear mounting, 8-position, Pin, straight, M8, Rear mounting, M8 x 1, Individual wires, cable length: 0.5 m, 0.14 mm^2, PVC litz wire

Your advantages

- Preassembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness
- Standard pin assignments and codings for signal transmission with a uniform design-in design

Commercial data

Item number	1424230
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQICA
Catalog page	Page 34 (C-2-2019)
GTIN	4046356712422
Weight per piece (including packing)	17.9 g
Weight per piece (excluding packing)	17.1 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 instructions	With flat nut

Product properties

Product type	Circular connectors (device side)
Number of positions	8
No. of cable outlets	1
Shielded	no
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	FKM
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR/PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated
Conductor material	Tin-plated Cu litz wires

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	1.5 A
Max. conductor resistance	80 Ω/km

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Pin
Conductor cross section	0.14 mm²
Tightening torque	1 Nm ... 1.5 Nm (Installation-side)

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M8

Cable/line

Cable length	0.5 m
Cable type	PVC litz wire
Wire diameter incl. insulation	1.3 mm ±0.1 mm
Single wire, color	white, brown, green, yellow, gray, pink, blue, red
Cable cross section	0.14 mm²
Conductor material	Tin-plated Cu litz wires
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Material wire insulation	PVC / UL
Thickness, insulation	0.38 mm
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Cable resistance	≥ 80 Ω/km
Cable insulation resistance	≥ 20 MΩ*km
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-10 °C ... 105 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug)
	-40 °C ... 105 °C (cable, fixed installation)
	-10 °C ... 105 °C (Cable, flexible installation)

Standards and regulations

M8

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

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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"