

SACC-DSI-M12MS-12CON-M12 - Device connector rear mounting



1553488

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Sensor/actuator flush-type plug, 12-pos., M12, rear/screw mounting with M12 thread, with straight solder connection

Commercial data

Item number	1553488
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQEGI
GTIN	4046356157278
Weight per piece (including packing)	10.655 g
Weight per piece (excluding packing)	10.655 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Rear mounting
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Product properties

Product type	Circular connectors (device side)
Sensor type	Universal
Number of positions	12
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
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Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V
Nominal current I_N	1.5 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12
Coding	A

Cable/line

Signal type/category	Universal
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Environmental and real-life conditions

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Ambient conditions

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

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

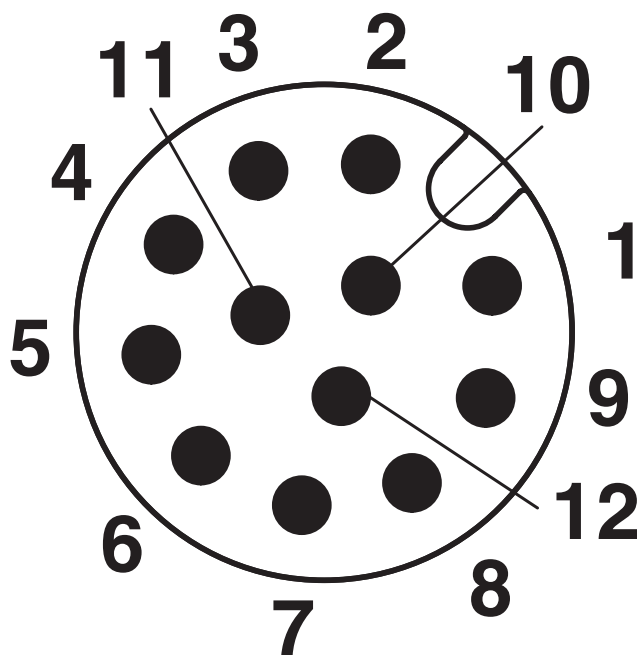
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Drawings

Schematic diagram



Pin assignment M12 male connector, 12-pos., male side view

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1553488>

 UL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	30 V	1.5 A	-	-

 cUL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	30 V	1.5 A	-	-

cULus Recognized

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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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)
SCIP	be0d6b9a-092b-475c-9fa0-c39212c78e83

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