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The figure shows the 17-pos. product version with O-ring seal

M23, Device connector rear mounting, series: RC, straight, shielded: yes, Screw locking mechanism, Flat gasket, Panel thickness min.: 3 mm, Panel thickness max.: 10.5 mm

Commercial data

Item number	1596455
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFR
GTIN	4046356211352
Weight per piece (including packing)	48.045 g
Weight per piece (excluding packing)	41.04 g
Country of origin	DE

RC-09S1NM2E100 - Device connector rear mounting



1596455

<https://www.phoenixcontact.com/us/products/1596455>

Technical data

Product properties

Product type	Circular connectors (device side)
Thread type	M23

Material specifications

Flammability rating according to UL 94	V0
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Connection data

Conductor connection

Connection method	Solder connection
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Connector

Housing

Order information:	Order contact inserts separately
Type	Flange housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Rear mounting/square flange (4x M3)
Housing material	Metal
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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Classifications

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)
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