

# RC-00000004200 - Housing for circular connector



1592589

<https://www.phoenixcontact.com/us/products/1592589>

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Housing for circular connector, series: RC, straight, Screw locking mechanism, M23, Radial O-ring, shielded: yes, panel thickness min.: 2.7 mm, panel thickness max.: 3.5 mm, this item is expected to be lead-free from Q3 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

## Commercial data

Item number	1592589
Packing unit	40 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFP
GTIN	4046356191678
Weight per piece (including packing)	28.16 g
Weight per piece (excluding packing)	26.014 g
Customs tariff number	85389099
Country of origin	DE

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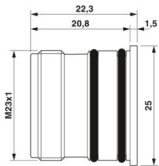
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## Technical data

### Product properties

Product type	Circular connector housing
Series	RC
Application	Signal
Shielded	yes
Thread type	M23

### Dimensions

Dimensional drawing	
Panel thickness	2.7 mm ... 3.5 mm

### Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Rotating parts	CuZn
Gasket and O-ring material	FPM

### Connector

Type	straight
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

### Mounting

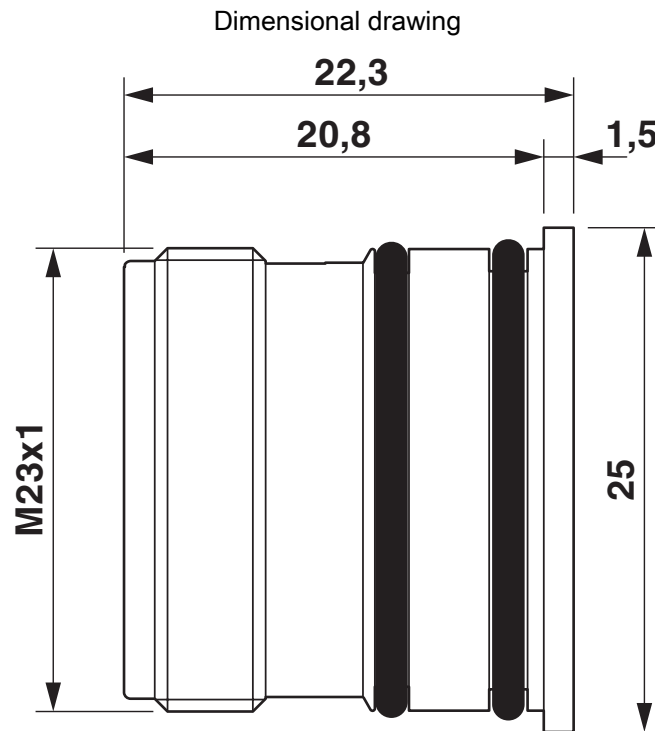
Mounting type	Rear mounting/square flange (4x M2,5)
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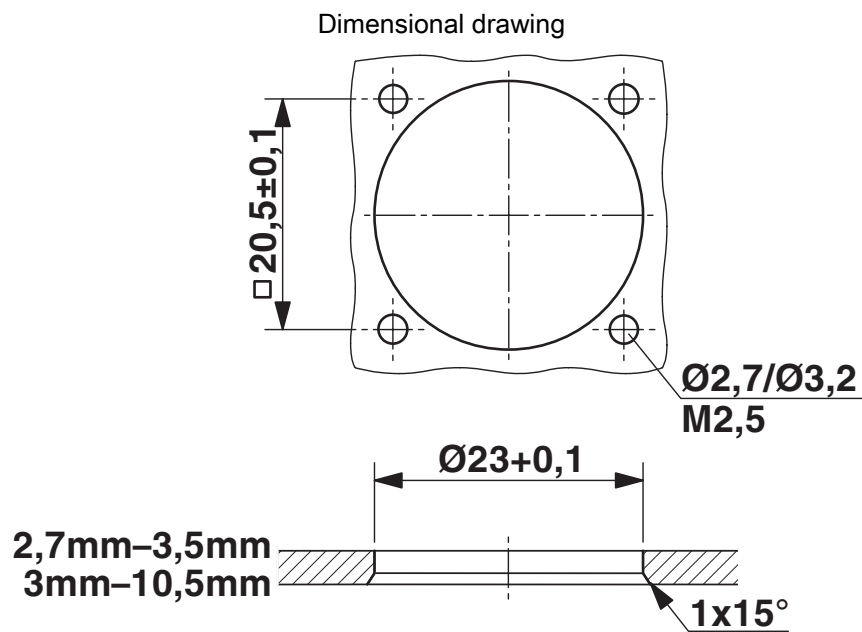
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## Drawings



Dimensional drawing



Installation dimensions

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## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 10.0	EC003556
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### UNSPSC

UNSPSC 21.0	31261500
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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	88d64028-e848-43bd-a8d3-bf39f819d798

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