

# TU-00000004100 - Housing for circular connector



1605881

<https://www.phoenixcontact.com/us/products/1605881>

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Housing for circular connector, series: TU, straight, Bayonet locking, M23, number of positions: 12, contact connection type: Socket, Crimp connection, Flat gasket, shielded: yes, panel thickness max.: 2.5 mm. 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	1605881
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAHS
GTIN	4046356255431
Weight per piece (including packing)	50.93 g
Weight per piece (excluding packing)	44.43 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Order information:	Order contact inserts separately
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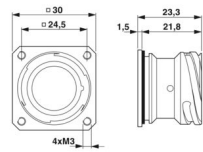
### Product properties

Product type	Circular connector housing
Series	TU
Application	Signal
Connection profile	12
Shielded	yes
Thread type	M23

### Connection data

Connection method	Crimp connection
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### Dimensions

Dimensional drawing	
Length of the solder pin	16.5 mm
	2.5 mm
	3.5 mm
	9 mm
	16.5 mm
	2.5 mm
	3.5 mm
	9 mm
Panel thickness	< 2.5 mm

### Material specifications

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

### Connector

Type	straight
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### Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 90 °C
Altitude	2000 m

## Mounting

Mounting type	Rear mounting/square flange (4x M3)
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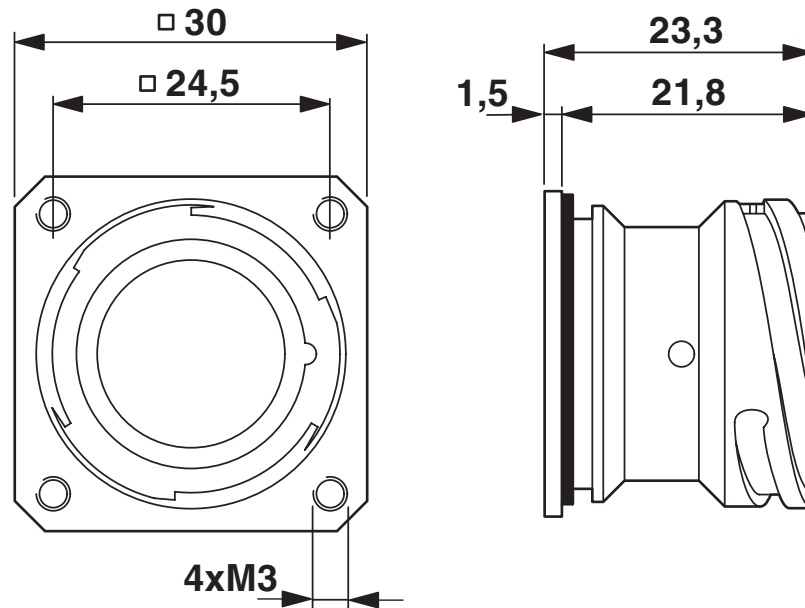
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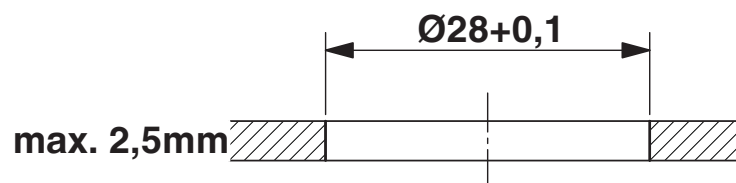
## Drawings

Dimensional drawing



Dimensional drawing

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	8ce4a16a-1c46-4015-badc-de6bb6ad3e5d

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