

# TU-17P1NC24100 - Device connector rear mounting



1613276

<https://www.phoenixcontact.com/us/products/1613276>

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M23, Device connector rear mounting, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Flat gasket, Panel thickness max.: 2.5 mm, coding: N, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Commercial data

Item number	1613276
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	ABRAHR
GTIN	4046356399142
Weight per piece (including packing)	62.8 g
Weight per piece (excluding packing)	55.437 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
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### Connector

#### Insulating body

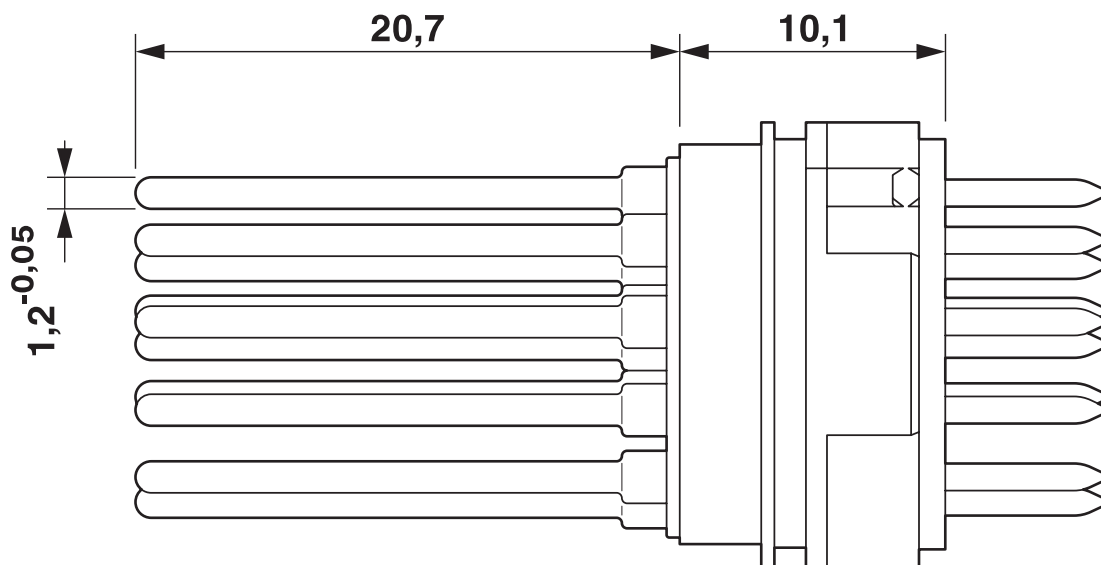
Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Solder-in connection
Contact switching type	Pin
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Number Contact (Contact group 1)	17
Diameter Contact (Contact group 1)	1 mm
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

Order information:	Order contact inserts separately
Type	Flange housing
Thread type	M23
Design	straight
Type of locking	Bayonet locking
Pg screw connection	none
Mounting type	Rear mounting/square flange (4x M3)
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

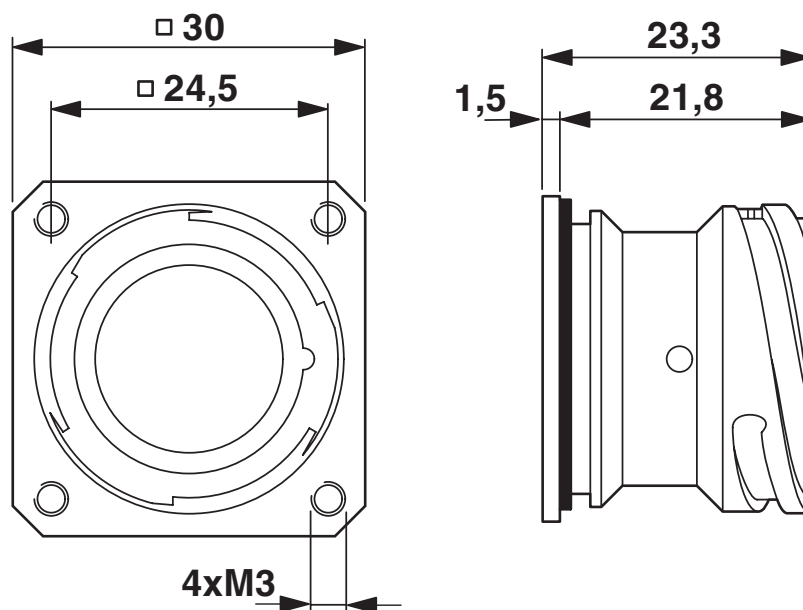
## Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Dimensional drawing

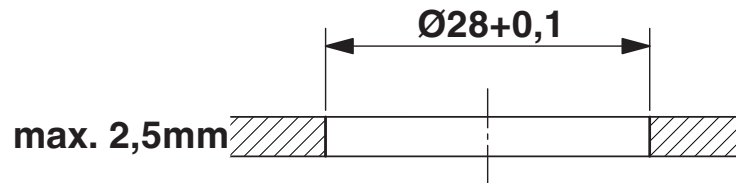
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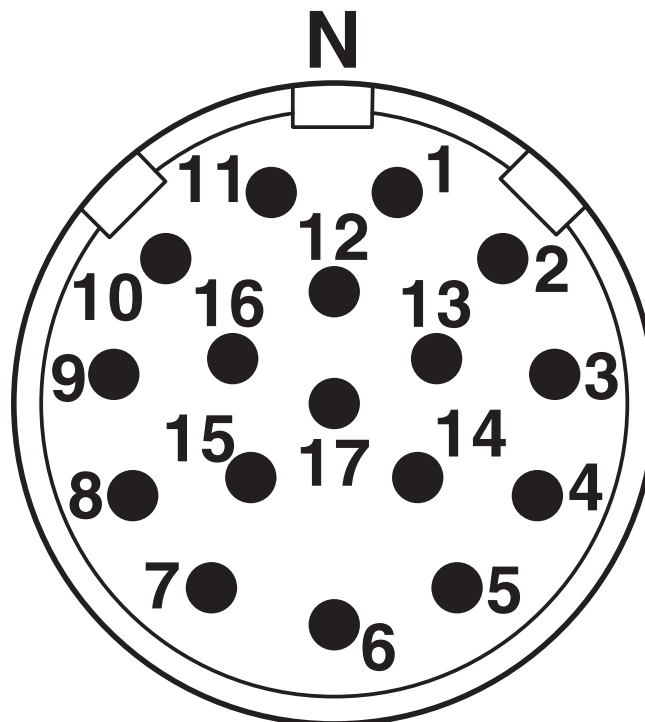


Dimensional drawing



Installation dimensions

Schematic diagram



Connector pin assignment

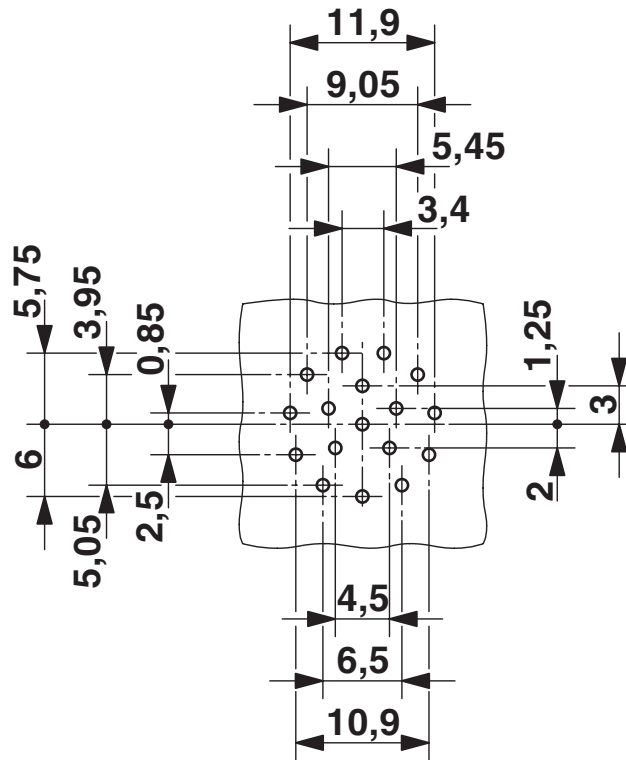
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Drilling plan/solder pad geometry



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## Classifications

### ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

### 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: n/a)
SCIP	943ccdf4-2f15-4f13-bd1f-1ec1f4ce96d9

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