

TU-17S1N12WB00 - Device connector front mounting



1612618

<https://www.phoenixcontact.com/us/products/1612618>

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M23, Device connector front mounting, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Axial O-ring, Panel thickness min.: 1.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242655

Commercial data

Item number	1612618
Packing unit	20 pc
Minimum order quantity	1 pc
Product key	ABRAHL
GTIN	4046356396547
Weight per piece (including packing)	69 g
Weight per piece (excluding packing)	69 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
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Material specifications

Housing material	Metal
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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 cup
Contact switching type	Socket
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
Litz wire cross-section min. Contact (Contact group 1)	0.08 mm ²
Litz wire cross-section max. Contact (Contact group 1)	1 mm ²
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	Front mounting/square flange (4x Ø 3.2 mm)
Material (Housing)	GD-Zn
Material (Rotating parts)	CuZn
Material (Housing surface)	Ni

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Material (Seal)	FPM (O-ring)
Degree of protection (plugged in)	IP67
Seal for the device	Axial O-ring

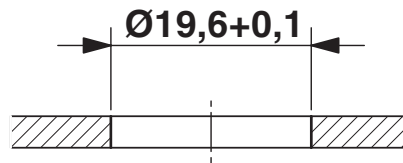
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Drawings

Dimensional drawing

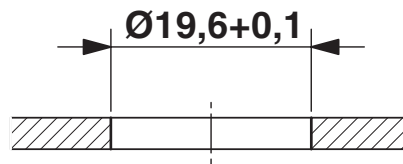
4xØ3,2/M3/□19,8±0,1



Installation dimensions

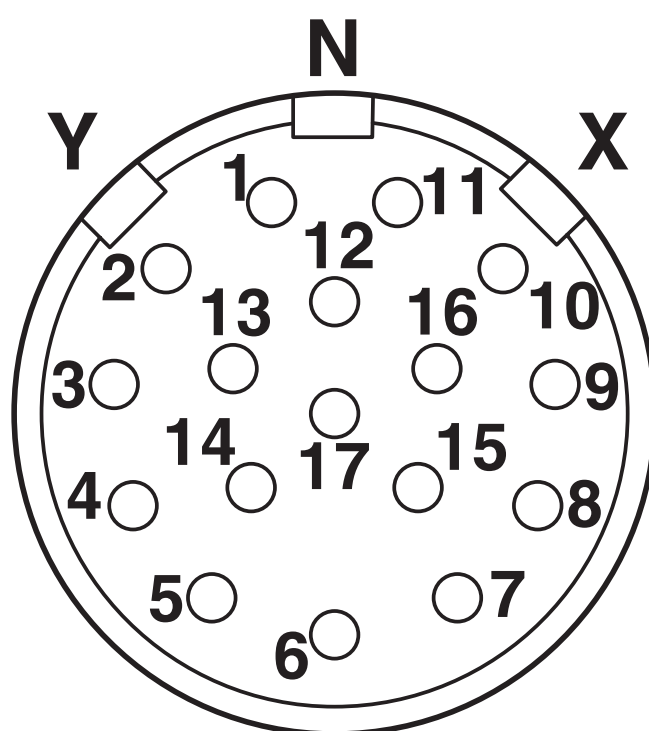
Dimensional drawing

4xØ3,2/M3/□19,8±0,1



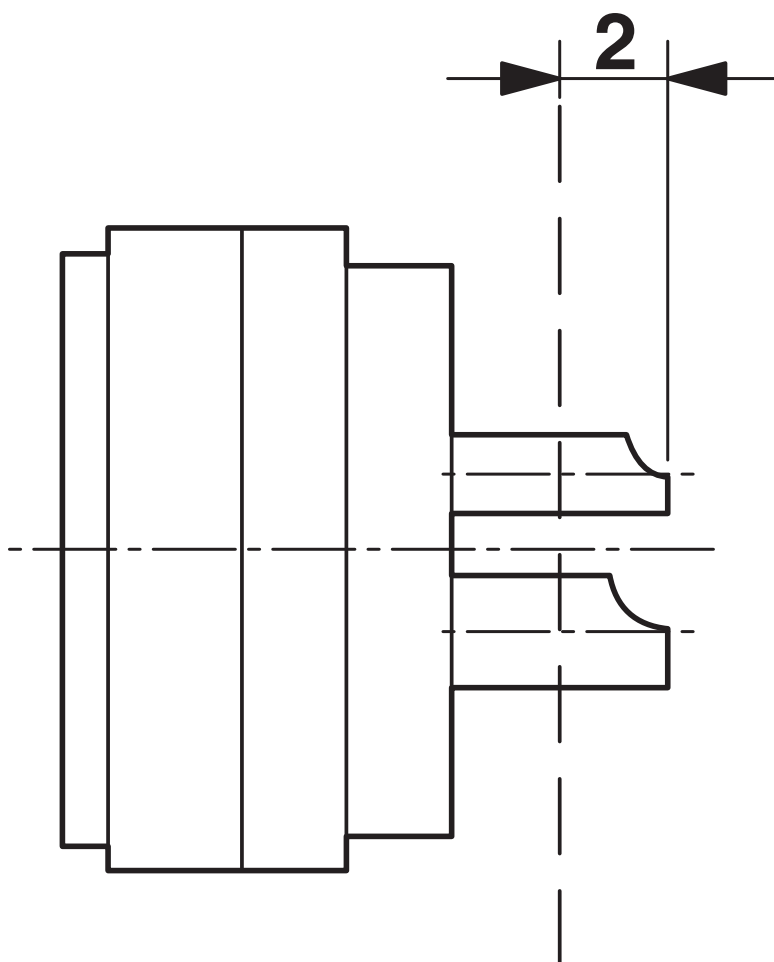
Installation dimensions

Schematic diagram



Connector pin assignment

Schematic diagram



Dimensional drawing

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Classifications

ECLASS

ECLASS-13.0	27440116
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ETIM

ETIM 8.0	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	b5c8ca9f-7bc6-4b63-8983-a4d4b0441d08

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