

TU-19S1N12WB00 - Device connector front mounting



1606006

<https://www.phoenixcontact.com/us/products/1606006>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



M23, Device connector front mounting, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Axial O-ring, Panel thickness min.: 1.5 mm, coding: N

Commercial data

Item number	1606006
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAHL
GTIN	4046356256629
Weight per piece (including packing)	69 g
Weight per piece (excluding packing)	43.05 g
Country of origin	DE

TU-19S1N12WB00 - Device connector front mounting



1606006

<https://www.phoenixcontact.com/us/products/1606006>

Technical data

Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

Connector

Insulating body

Coding	N
Material (Insulating body)	PA 6.6
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Number Contact (Contact group 1)	3
Diameter Contact (Contact group 1)	1.5 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)	10 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
Number Contact (Contact group 2)	16
Diameter Contact (Contact group 2)	1 mm
Litz wire cross-section min. Contact (Contact group 2)	0.08 mm ²
Litz wire cross-section max. Contact (Contact group 2)	1 mm ²
Rated current Contact (Contact group 2)	8 A
Number Contact (Contact group 3)	1
Diameter Contact (Contact group 3)	1.5 mm
Rated current Contact (Contact group 3)	8 A

Housing

Order information:	Order contact inserts separately
Type	Flange housing
Thread type	M23
Design	straight
Type of locking	Bayonet locking

TU-19S1N12WB00 - Device connector front mounting



1606006

<https://www.phoenixcontact.com/us/products/1606006>

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

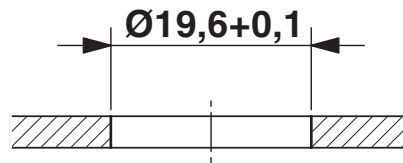
1606006

<https://www.phoenixcontact.com/us/products/1606006>

Drawings

Dimensional drawing

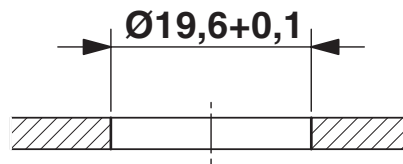
4xØ3,2/M3/□19,8±0,1



Installation dimensions

Dimensional drawing

4xØ3,2/M3/□19,8±0,1

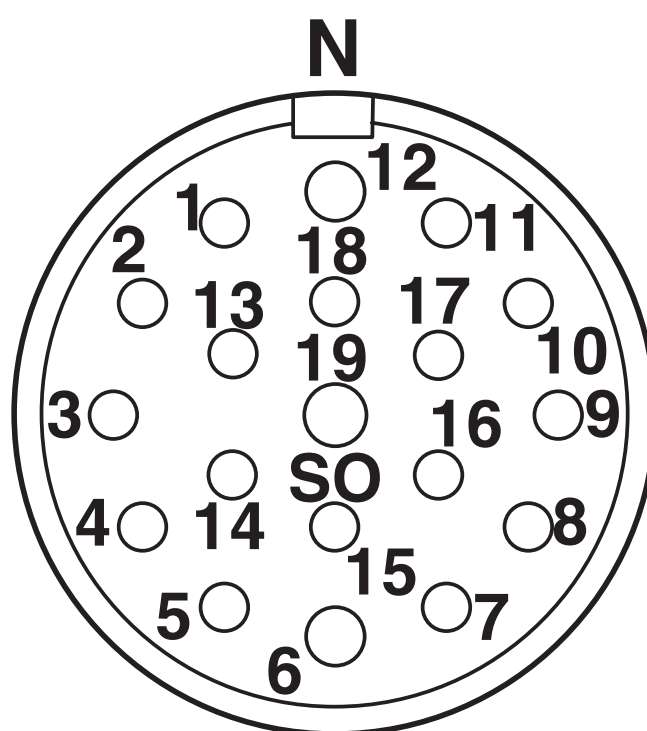


Installation dimensions

1606006

<https://www.phoenixcontact.com/us/products/1606006>

Schematic diagram



Connector pin assignment

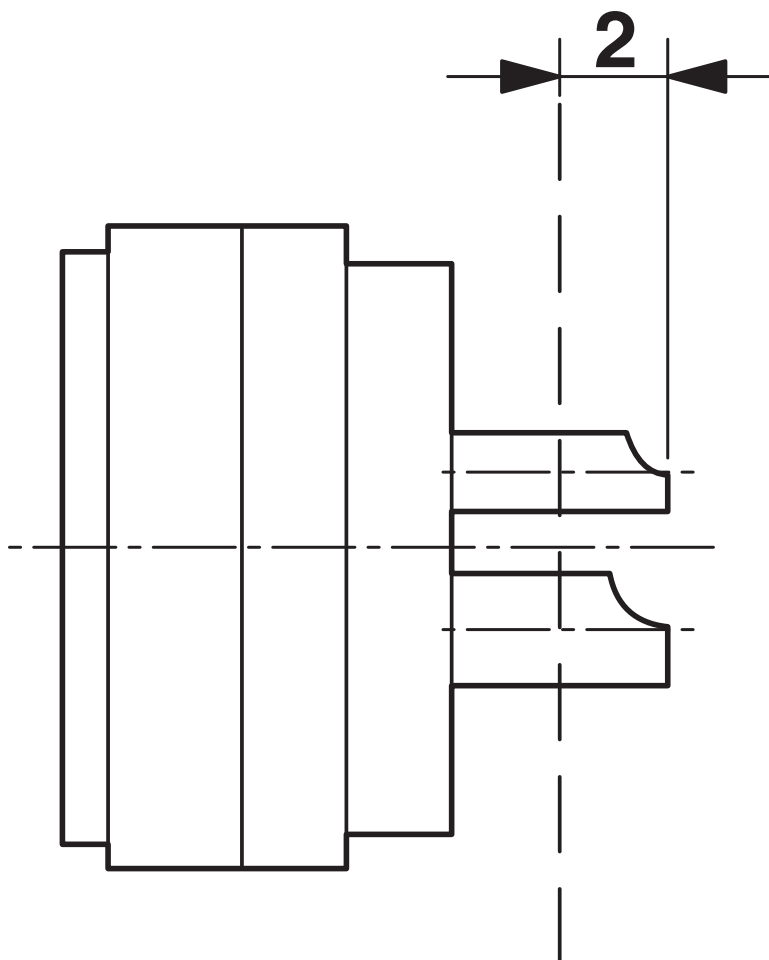
TU-19S1N12WB00 - Device connector front mounting



1606006

<https://www.phoenixcontact.com/us/products/1606006>

Schematic diagram



Dimensional drawing

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com