

TU-19S1N12WB00 - Device connector front mounting



1606006

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

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M23, Device connector front mounting, application: Signal, 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

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Technical data

Product properties

Product type	Circular connector (cable-side)
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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 group 1)	3
Contact diameter (Contact group 1)	1.5 mm
Litz wires Min. cross section (Contact group 1)	0.08 mm ²
Litz wires Max. cross section (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 group 2)	16
Contact diameter (Contact group 2)	1 mm
Litz wires Max. cross section (Contact group 2)	1 mm ²
Rated current Contact (Contact group 2)	8 A
Number (Contact group 3)	1
Contact diameter (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
Pg screw connection	none

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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

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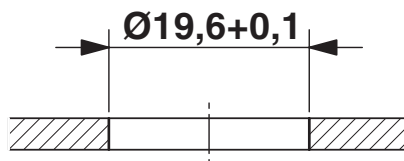
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Drawings

Dimensional drawing

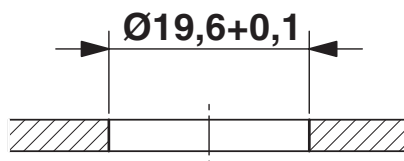
4xØ3,2/M3/□19,8±0,1



Installation dimensions

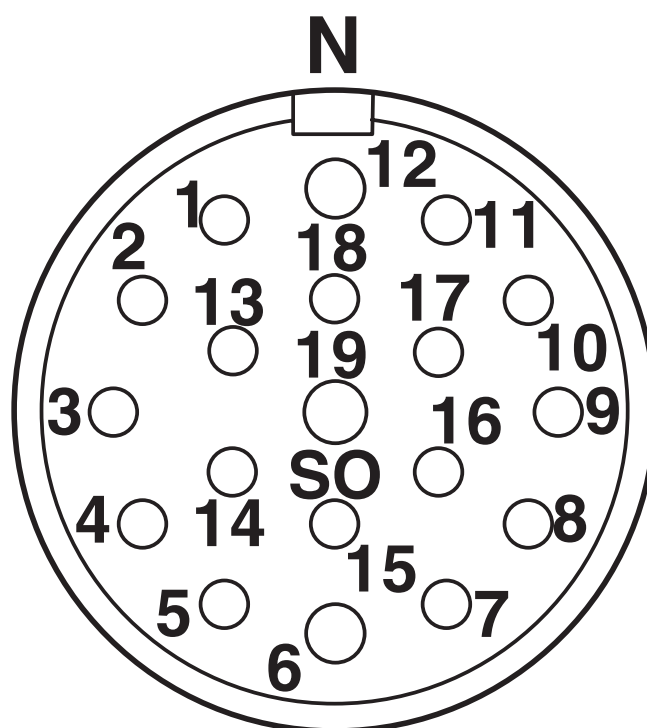
Dimensional drawing

4xØ3,2/M3/□19,8±0,1



Installation dimensions

Schematic diagram



Connector pin assignment

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Schematic diagram



Dimensional drawing

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