TU-16S1N12WB00 - Device connector front mounting

1612601

https://www.phoenixcontact.com/us/products/1612601

PHŒNIX CONTACT

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M23, Device connector front mounting, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Axial O-ring, 4x Ø 3.2, Panel thickness min.: 1.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242652

Commercial data

Item number	1612601
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAHL
GTIN	4046356271127
Weight per piece (including packing)	83.4 g
Weight per piece (excluding packing)	42.11 g
Country of origin	DE

Technical data

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

|	
Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter Power contacts	1 mm
Litz wire cross-section Power contacts min.	0.08 mm²
Litz wire cross-section Power contacts max.	1 mm²
Rated current Power contacts	8 A
Rated voltage	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
Housing material	Metal
Type of locking	Bayonet locking
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Drawings

Dimensional drawing

4xØ3,2/M3/□19,8±0,1

Ø19,6+0,1
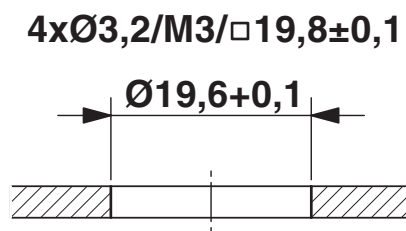
Installation dimensions

Schematic diagram
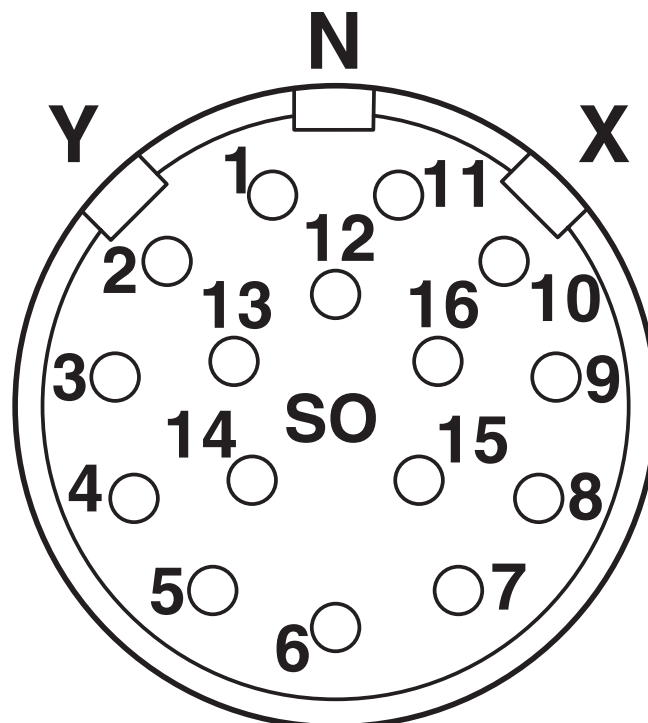
Connector pin assignment

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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	25bcd6cd-7102-4836-abfd-a4489c878f69

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