

TU-12S1N12WB00 - Device connector front mounting



1605967

<https://www.phoenixcontact.com/us/products/1605967>

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M23, Device connector front mounting, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 12, 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.: 1242042

Commercial data

Item number	1605967
Packing unit	1 pc
Minimum order quantity	20 pc
Sales key	AB31
Product key	ABRAHL
GTIN	4046356256230
Weight per piece (including packing)	44.835 g
Weight per piece (excluding packing)	44 g
Customs tariff number	85366990
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
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter Power contacts	1 mm
Litz wire cross-section Power contacts min.	0.08 mm ²
Litz wire cross-section Power contacts max.	1 mm ²
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

Housing material	Metal
Type of locking	Bayonet locking
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

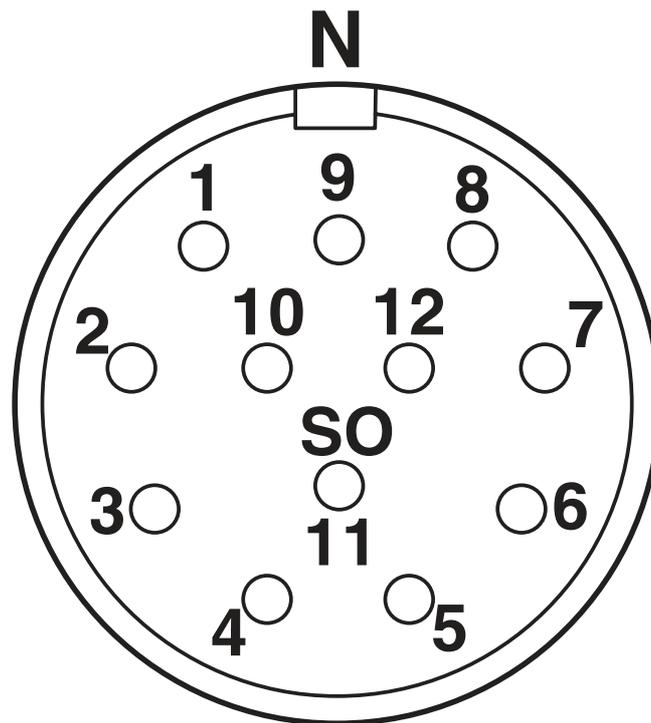
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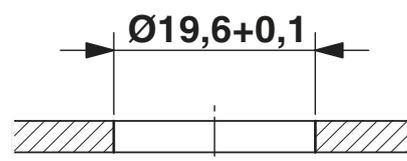
Drawings

Schematic diagram



Dimensional drawing

4xØ3,2/M3/□19,8±0,1



Housing bore holes

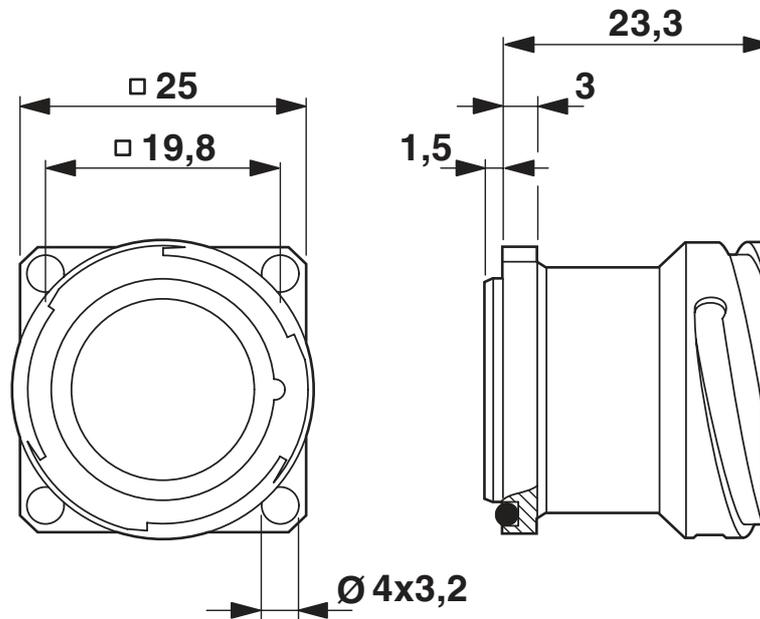
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Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1605967>



EAC

Approval ID: B.01687

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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