

TU-06S1NS24100 - Device connector rear mounting



1605917

<https://www.phoenixcontact.com/us/products/1605917>

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M23, Device connector rear mounting, application: Signal, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Screw connection, Flat gasket, Panel thickness max.: 2.5 mm, coding: N

Commercial data

Item number	1605917
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAHR
GTIN	4046356255745
Weight per piece (including packing)	51.75 g
Weight per piece (excluding packing)	51.75 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

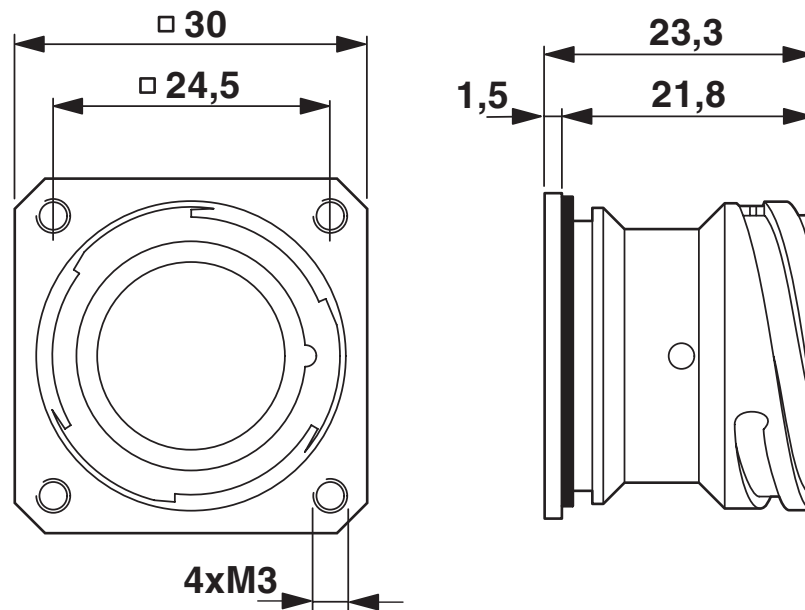
Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Screw connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number (Contact group 1)	6
Contact diameter (Contact group 1)	2 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)	20 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	Rear mounting/square flange (4x M3)
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Seal material	FPM or NBR or EPDM
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

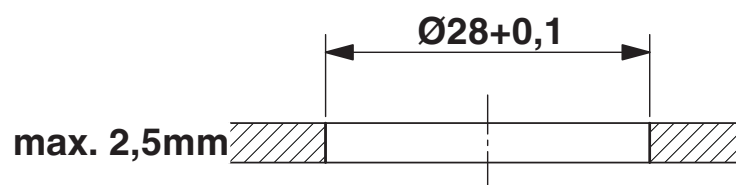
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



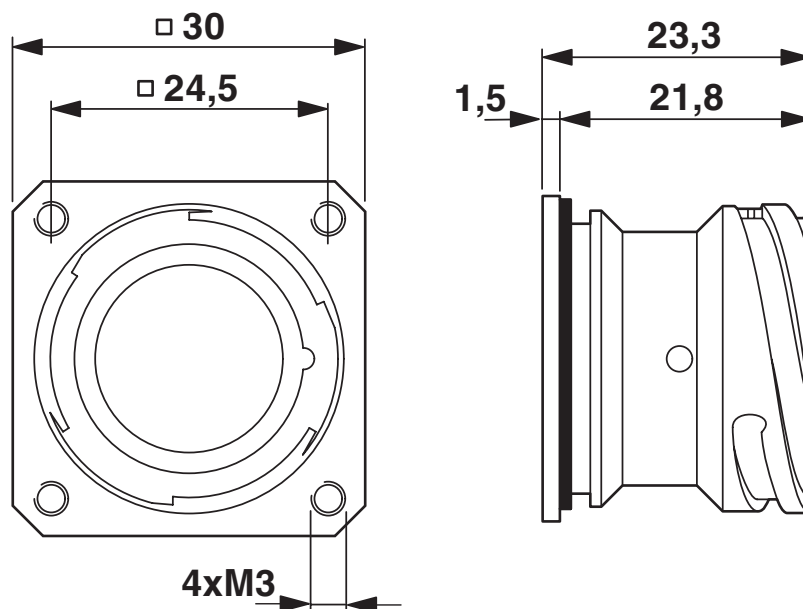
Installation dimensions

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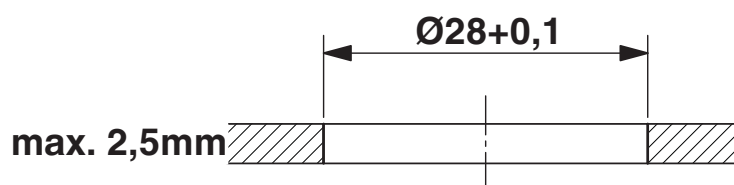
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Dimensional drawing



Dimensional drawing

Dimensional drawing



Installation dimensions

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Environmental product compliance

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.)	No substance above 0.1 wt%
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