

TU-0000000WB00X - Housing for circular connector



1242021

<https://www.phoenixcontact.com/us/products/1242021>

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Housing for circular connector, series: TU, straight, Bayonet locking, M23, number of positions: 12, contact connection type: Socket, Crimp connection, Axial O-ring, shielded: yes, panel thickness min.: 1.5 mm, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %). This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Commercial data

Item number	1242021
Packing unit	20 pc
Minimum order quantity	20 pc
Product key	ABRAHP
GTIN	4063151442842
Weight per piece (including packing)	39.89 g
Weight per piece (excluding packing)	35.12 g
Country of origin	DE

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Technical data

Notes

Order information:	Order contact inserts separately
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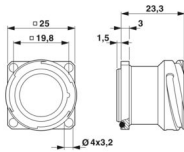
Product properties

Product type	Circular connector housing
Series	TU
Application	Signal
Connection profile	12
Shielded	yes
Thread type	M23

Connection data

Connection method	Crimp connection
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Dimensions

Dimensional drawing	
Length of the solder pin	16.5 mm
	9 mm
	16.5 mm
	9 mm
Panel thickness	> 1.5 mm

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Rotating parts	CuZn
Seal material	FPM or NBR or EPDM
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Gasket and O-ring material	FPM

Connector

Type	straight
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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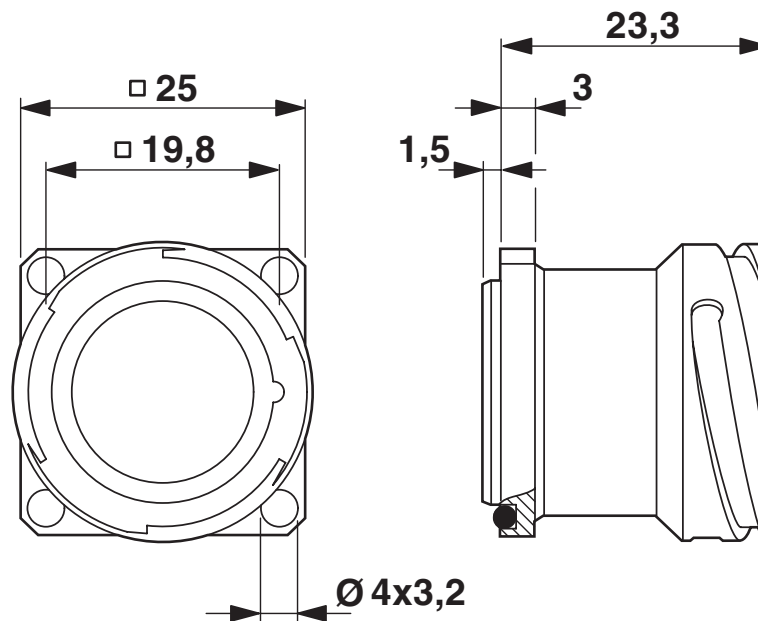
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

Mounting

Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
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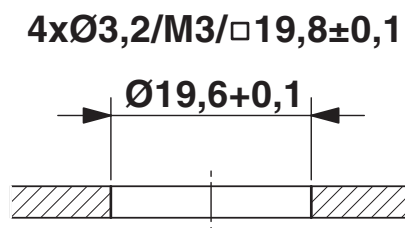
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Housing bore holes

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Classifications

ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

ETIM

ETIM 10.0	EC003556
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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