INDUSTRIAL COMPONENT DATA

# TU-12P1N8AWB00 1605956 PHOENIX CONTACT Device connector, front mounting

**Brand: PHOENIX CONTACT | Manufacturer Part Number: TU-12P1N8AWB00**

PRODUCT IMAGE\nNOT AVAILABLE

| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | TU-12P1N8AWB00 |
| Catalog number | 1605956 |
| Category | Circular connector, mounting (without cable) |
| Minimum order | 20 Pcs |
| Document ID | EO-9B6E930FEE |
| Generated | 2026-11-19 |

## Product Overview

Device connector, front mounting
M23, Conect. plug. to be apar. front wall, TU, straight, shielded: yes, Bayonet lock, No. of poles: 12, Direction of rotation: Standard, contact type: Male, Crimped connection, Axial O-ring, 4x Ø 3.2, Min. wall thickness: 1.5 mm, coding:N, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1242039
M23, Device connector front mounting, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, 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

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

| | |
|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Technical dataProduct propertiesProduct type Circular connector (cable-side)
ConnectorInsulating body
Note Order information: Order crimp contacts Ø 1 mm separately
Coding N
Connection method Crimp connection
Contact switching type Pin
Application Signal
Number of positions 12
Direction of rotation Standard

Connection profile 12
Contact diameterPower contacts 1 mm
Rated currentPower 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
Environmental and real-life conditionsAmbient conditions
Ambient temperature (storage/transport) 15 °C ... 25 °C
Permissible humidity (storage/transport) 50 % ... 65 %

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TU-12P1N8AWB00 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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