

TU-00000008UDU - Housing for circular connector



1605886

<https://www.phoenixcontact.com/us/products/1605886>

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Housing for circular connector, series: TU, straight, Bayonet locking, M23, number of positions: 12, contact connection type: Socket, Crimp connection, shielded: yes, cable diameter range: 2 mm... 14.5 mm, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance. 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 | 1605886 |
| Packing unit | 12 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB31 |
| Product key | ABRAHE |
| GTIN | 4046356255479 |
| Weight per piece (including packing) | 106.75 g |
| Weight per piece (excluding packing) | 97.63 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

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 |
|-------------------|------------------|

Material specifications

| | |
|----------------------------|--------------------|
| Material Housing | GD-Zn |
| Material Housing surface | Ni |
| Material Rotating parts | CuZn |
| Seal material | FPM or NBR or EPDM |
| Gasket and O-ring material | FPM |

Connector

| | |
|------|----------|
| Type | straight |
|------|----------|

Cable/line

| | |
|-------------------------|------------------|
| External cable diameter | 2 mm ... 14.5 mm |
|-------------------------|------------------|

Environmental and real-life conditions

Ambient conditions

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440224 |
| ECLASS-15.0 | 27440224 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003556 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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 | 0b86a82a-7cb1-4c4c-a8ca-014fc82fef66 |

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