

RF-16P2N8AWU00 - Device connector front mounting



1613723

<https://www.phoenixcontact.com/us/products/1613723>

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The figure shows the 12-pos. product version with standard contact chamber numbering

Device connector front mounting, application: Feedback, signal, straight, Screw locking mechanism, M23, number of positions: 16, contact connection type: Pin, Axial O-ring, 4x Ø 2.7 mm, shielded: yes, number of positions: 16, connection method: Crimp connection, series: RF

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1613723 |
| Packing unit | 20 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAGL |
| GTIN | 4046356443517 |
| Weight per piece (including packing) | 38.89 g |
| Weight per piece (excluding packing) | 38.89 g |
| Country of origin | DE |

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Technical data

Notes

| | |
|--------------------|--|
| Order information: | Order crimp contacts Ø 1 mm separately |
|--------------------|--|

Product properties

| | |
|---------------------|-----------------------------------|
| Product type | Circular connectors (device side) |
| Series | RF |
| Application | Feedback, signal |
| Number of positions | 16 |
| Connection profile | 16 |
| Shielded | yes |
| Coding | N |
| Thread type | M23 |

Material specifications

| | |
|------------------|-------------------------|
| Seal material | FPM |
| Housing material | High-grade steel 1.4305 |

Electrical properties

Contact

| | |
|-----------------------|--------|
| Contact diameter | 1 mm |
| Nominal current I_N | 8 A |
| Nominal voltage U_N | 100 V |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Rated surge voltage | 1.5 kV |

Connection data

Conductor connection

| | |
|-------------------------|------------------|
| Connection method | Crimp connection |
| Contact connection type | Pin |

Connector

| | |
|-----------------------|-------------------|
| Type | straight |
| Direction of rotation | Counter direction |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|-------------------|
| Degree of protection | IP67 |
| Ambient temperature (operation) | -40 °C ... 125 °C |
| Altitude | 2000 m |

Drawings

Dimensional drawing



Dimensional drawing



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Environmental product compliance

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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