

1592781

<https://www.phoenixcontact.com/us/products/1592781>

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Front panel feed-through, series: RC, straight, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, Crimp connection, Radial O-ring, shielded: yes, panel thickness min.: 3 mm, panel thickness max.: 7 mm, cable diameter range: 2 mm... 10.5 mm, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1592781 |
| Packing unit | 20 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB31 |
| Product key | ABRAFK |
| GTIN | 4046356192743 |
| Weight per piece (including packing) | 69.945 g |
| Weight per piece (excluding packing) | 65.47 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

RC-0000000B2FZ - Front panel feed-through



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Technical data

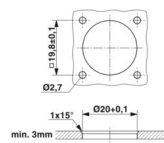
Product properties

| | |
|--------------------|----------------------------|
| Product type | Circular connector housing |
| Series | RC |
| Application | Signal |
| Connection profile | 12 |
| Type | Feed-through header |
| Shielded | yes |
| Thread type | M23 |

Connection data

| | |
|-------------------|------------------|
| Connection method | Crimp connection |
|-------------------|------------------|

Dimensions

| | |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Panel thickness | 3 mm ... 7 mm |

Material specifications

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

Connector

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

Cable/line

| | |
|-------------------------|------------------|
| External cable diameter | 2 mm ... 10.5 mm |
|-------------------------|------------------|

Environmental and real-life conditions

Ambient conditions

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

Mounting

| | |
|---------------|------------------------------------------|
| Mounting type | Front/square flange mounting 4x Ø 2,7 mm |
|---------------|------------------------------------------|

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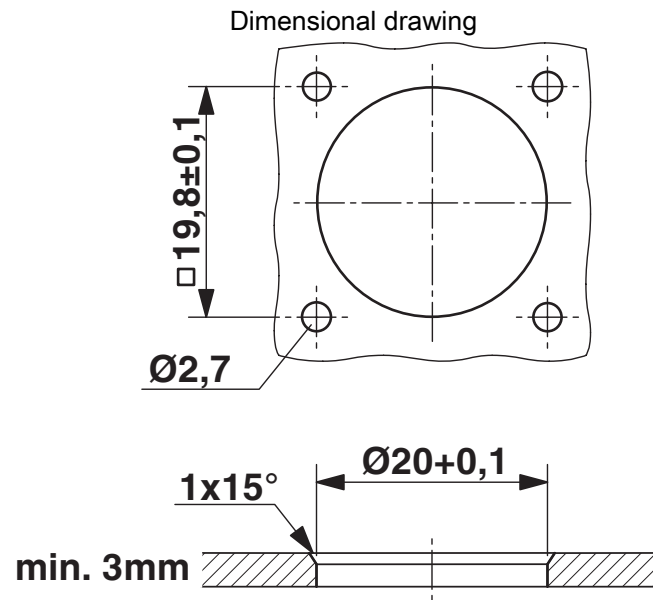
| | |
|---------------|-------------|
| Assembly note | 4x Ø 2,7 mm |
|---------------|-------------|

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Drawings



Installation dimensions

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC003556 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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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 | 2f674cce-5ae7-480f-9bd3-be58ebb10b51 |

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