

A-EXB-20-66L-S-S - Pressure compensation element



1411118

<https://www.phoenixcontact.com/us/products/1411118>

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Pressure compensation element, application: Ex, connecting thread: M20 x 1.5, color: silver



Your advantages

- Reduces the formation of condensation

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1411118 |
| Packing unit | 5 pc |
| Minimum order quantity | 5 pc |
| Sales key | BF68 |
| Product key | BF7DDX |
| Catalog page | Page 655 (C-3-2019) |
| GTIN | 4046356922333 |
| Weight per piece (including packing) | 98.1 g |
| Weight per piece (excluding packing) | 91 g |
| Customs tariff number | 73269098 |
| Country of origin | GB |

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Technical data

Product properties

| | |
|-----------------------------|--------------------------------------|
| Product type | Pressure compensation element |
| Application | Ex |
| Manufacturer | CMP |
| Manufacturer Designation | 781 M20(M) Exe S.S BREATH/DRAIN PLUG |
| Manufacturer product number | 781EM24 |
| Air flow rate | 48 l/min (at 1□bar) |

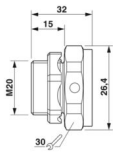
Connection data

| | |
|-------------------|----------------------------|
| Tightening torque | 7 Nm (Installation torque) |
|-------------------|----------------------------|

Ex data

| | |
|----------------------------|-----|
| Suited for EX-applications | yes |
|----------------------------|-----|

Dimensions

| | |
|----------------------------------|--|
| Dimensional drawing |  |
| Length | 32 mm |
| Length of the connecting thread | 15 mm |
| Length without connecting thread | 17 mm |
| Diameter | 20 mm |
| Connecting thread diameter | 20 mm |
| Wrench size, union nut | 30 mm |
| Hexagon angular dimension | 26.4 mm |
| Thread type connection side | M20 x 1.5 |
| Thread pitch | 1.5 mm |

Material specifications

| | |
|----------------------|------------------------|
| Color | Brass |
| Material | Stainless steel 1.4404 |
| Seal material O-ring | Silicon |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|-------------------|
| Degree of protection | IP66 |
| Ambient temperature (operation) | -60 °C ... 130 °C |

Approvals

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| | |
|-------|--|
| ATEX | Sira 10ATEX1307U 781D: Ex II 2 GD Exd IIC Gb, Ex ta IIIC Da, 781E: Ex II 2 GD Exe IIC Gb, Ex ta IIIC Da |
| IECEX | IECEX SIR 10.0149U 781D: Ex d IIC Gb, Ex ta IIIC Da 781E: Ex e IIC Gb, Ex ta IIIC Da |

Standards and regulations

IEC Ex

| | |
|--------------------------|--------------------------|
| Standards/specifications | IEC 60079-0, -1, -7, -31 |
|--------------------------|--------------------------|

EN Ex

| | |
|--------------------------|-------------------------|
| Standards/specifications | EN 60079-0, -1, -7, -31 |
|--------------------------|-------------------------|

Mounting

| | |
|-----------------------|---|
| Assembly instructions | Mount at the lowest point of the housing, including ribbed counter nut (ensure correct orientation when mounting, the grooved side must be pointing towards the wall) |
|-----------------------|---|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440192 |
| ECLASS-12.0 | 27440192 |
| ECLASS-13.0 | 27440192 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002943 |
|----------|----------|

UNSPSC

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

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Environmental product compliance

| | |
|------------|--|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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