

**Klippon BDX (compensating elements)  
KLIPPON BDX M20 B**

**Weidmüller Interface GmbH & Co. KG**  
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Pressure-compensation elements ensure good ventilation of the enclosure and prevent the build-up of condensation while maintaining the appropriate IP class of protection.

**General ordering data**

|            |                                                                                           |
|------------|-------------------------------------------------------------------------------------------|
| Type       | KLIPPON BDX M20 B                                                                         |
| Order No.  | <a href="#">2519520000</a>                                                                |
| Version    | Klippon BDX (compensating elements),<br>Compensating element, M 20, 10 mm, IP66,<br>Brass |
| GTIN (EAN) | 4050118532029                                                                             |
| Qty.       | 1 pc(s).                                                                                  |

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## Technical data

### Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Length     | 22 mm | Length (inches) | 0.866 inch |
| Width      | 27 mm | Width (inches)  | 1.063 inch |
| Net weight | 62 g  |                 |            |

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Certificate numbers cable gland

|                                        |                      |                                       |                    |
|----------------------------------------|----------------------|---------------------------------------|--------------------|
| Certificate no. cable gland (ATEX)     | SIRA 09ATEX3321X     | Certificate no. cable gland (IECEX)   | IECEX SIR 09.0132X |
| Certificate no. cable gland (EAC)      | RU C-GB.ГБ06.В.00098 | Certificate no. cable gland (LOYDREG) | 10/00056           |
| Certificate no. cable gland (MARITREG) | 09.00783.011         | Certificate no. cable gland (CSA)     | 2310046            |

### General information

|                                     |                  |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AF size 1                           | 27 mm            | Explosion protection type           | Improved safety Ex e                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| External thread                     | M 20             | Filter                              | Bronze insert (90% copper, 10% tin)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Impact resistance                   | 7 J ATEX version | Length of thread                    | 10 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Material                            |                  | Note: protection class              | - The venting element should be fitted on the bottom side of the enclosure, aligned vertically with the thread upwards, and at the lowest point to permit proper drainage. - The supplied assembly instructions must be read prior to installation and strictly adhered to. - The water flow rate was tested using a water-filled, empty enclosure (no pressure or heat-producing internal components). The water flow rate may vary due to operational parameters and environmental conditions. |
|                                     | Brass            |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| O-Ring                              | Silicone         | Operating temperature range, max.   | 200 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Operating temperature range, min.   | -60 °C           | Pitch of thread                     | 1.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protection degree                   | IP66             | Protection degree with GWDR         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sealing                             |                  | Standards                           | IEC 60079-0, IEC 60079-7, IEC 60079-31                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                     | Silicone         |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Torque for connecting adapter, max. | 10 Nm            | Torque for connecting adapter, min. | 10 Nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Torque for lock nut, max.           | 10 Nm            | Torque for lock nut, min.           | 10 Nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 6.0   | EC000814    | eClass 6.2 | 27-14-91-09 |
| eClass 9.0 | 27-14-44-25 | eClass 9.1 | 27-14-44-90 |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Engineering Data

[EPLAN](#)

Engineering Data

[STEP](#)