

**KLIPPON BDX M20 BN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

**General ordering data**

|            |                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------|
| Version    | Klippon BDX (compensating elements), Compensating element, M 20, 10 mm, IP66, Brass, nickel-plated |
| Order No.  | <a href="#">2519540000</a>                                                                         |
| Type       | KLIPPON BDX M20 BN                                                                                 |
| GTIN (EAN) | 4050118532067                                                                                      |
| Qty.       | 1 pc(s).                                                                                           |

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## Technical data

## Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Height     | 12 mm | Height (inches) | 0.472 inch |
| Width      | 27 mm | Width (inches)  | 1.063 inch |
| Length     | 22 mm | Length (inches) | 0.866 inch |
| Net weight | 60 g  |                 |            |

## Temperatures

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -60 °C...200 °C |
|-----------------------|-----------------|

## Certificate numbers cable gland

|                                   |                                                   |                                     |                    |
|-----------------------------------|---------------------------------------------------|-------------------------------------|--------------------|
| Approval conditions               | ATEX, IECEx, UL AEx Class Div., UL AEx Class Zone | Certificate no. cable gland (ATEX)  | CML 19ATEX3347X    |
| Certificate no. cable gland (CSA) | E340660                                           | Certificate no. cable gland (IECEx) | IECEx CML 19.0105X |
| Identification                    | Ex e IIC Gb, Ex ta IIIC Da                        |                                     |                    |

## General information

|                                     |                      |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|----------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AF size 1                           | 27 mm                | Air flow                            | 0.25 l / 1 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Cable glands                        | M 20                 | Explosion protection type           | Improved safety Ex e                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| External thread                     | M 20                 | Filter                              | Bronze insert (90% copper, 10% tin)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Halogen                             | halogen-free         | Head diameter                       | 26.2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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, nickel-plated |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| O-Ring                              | Silicone             | Operating temperature range, max.   | 200 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Operating temperature range, min.   | -60 °C               | Pitch of thread                     | 1.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protection class (UL)               | Type 4               | Protection degree                   | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protection degree with GWDR         | IP66                 | Sealing                             | Silicone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Silicone                            | Yes                  | Standards                           | IEC 60079-0, IEC 60079-7, IEC 60079-31                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tightening torque                   | 5 Nm                 | Torque for connecting adapter, max. | 5 Nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Torque for connecting adapter, min. | 5 Nm                 | Torque for lock nut, max.           | 5 Nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Torque for lock nut, min.           | 5 Nm                 | UL 94 flammability rating           | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000814    | ETIM 7.0    | EC000814    |
| ETIM 8.0    | EC000814    | ETIM 9.0    | EC000814    |
| ETIM 10.0   | EC000814    | ECLASS 9.0  | 27-14-44-25 |
| ECLASS 9.1  | 27-14-44-90 | ECLASS 10.0 | 27-14-44-25 |
| ECLASS 11.0 | 27-14-44-25 | ECLASS 12.0 | 27-18-28-17 |
| ECLASS 13.0 | 27-18-28-17 | ECLASS 14.0 | 27-18-28-17 |
| ECLASS 15.0 | 27-18-28-17 |             |             |

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Environmental Product Compliance**

|                                      |                          |
|--------------------------------------|--------------------------|
| RoHS Compliance Status               | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c                       |
| REACH SVHC                           | Lead 7439-92-1           |

**Downloads**

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |