

Compensation and draining elements

Excellent ventilation for your enclosure

Protect electrical components in your enclosure

Perfectly sealed enclosures by definition prevent water ingress and thus also air humidity from escaping. Therefore, the higher the IP protection, the more important are ventilation or drainage elements.

The pressure-compensation element (DAE) provides perfect ventilation for the enclosure and prevents moisture buildup, especially when there are temperature differences between enclosures and the environment. At the same time, it maintains a high protection level e.g. IP69k. The membrane allows good airflow and repels water and oil.

The breather drain element (BDX) is used for ventilating and draining the enclosure, preventing a buildup of moisture, which has to be avoided especially in Ex applications. Next to perfect air circulation, drainage of condensation water is provided to avoid any water accumulation.



Description	Thread	SW	Material	Order No.
For hazardous area use				
KLIPPON BDX M20 B	M 20	27 mm	Brass	2519520000
KLIPPON BDX M20 BN	M 20	27 mm	Brass	2519540000
KLIPPON BDX M20 S	M 20	27 mm	Stainless steel 1.4404 (316L)	2519550000
KLIPPON BDX M20X15 S	M 20	27 mm	Stainless steel 1.4404 (316L)	2519570000
KLIPPON BDX M25 S	M 25	32 mm	Stainless steel 1.4404 (316L)	2519590000
For industrial use				
DAE M12 PA SHORT	M 12	17 mm	Polyamide 6	1868560000
DAE M12 PA LONG	M 12	17 mm	Polyamide 6	1868570000
DAE M12 SS	M 12	17 mm	Stainless steel 1.4305 (303)	1868550000
Note				

Your special advantages:

- Longer lifetime due to balance of internal and external pressure which minimizes stress on operating elements, cable entries, and enclosure gasket
- Protection of sensitive electronics and components in the enclosure. Less condensation is formed and therefore short circuits caused by water are avoided
- Maintenance and repair costs of electronic and electrotechnical components are significantly reduced
- Less downtime and failure time of your electronic components



For a more detailed overview of the products, you can open the online catalogue at catalogue.weidmuller.com or scan the QR code.



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