Nylon M20 Drain Plug Breather

Catalog Number	BD20NM
UPC	785928591860

DESCRIPTION



The Nylon M20 Drain Plug Breather is designed to mitigate pressure differentials in sealed enclosures caused by temperature variation, which can result in cyclic air exchange and the introduction of moisture-laden air. The device provides passive pressure equalization through controlled bidirectional airflow while allowing accumulated condensate to drain from the enclosure, reducing internal moisture buildup. Installed in a standard M20 threaded opening, typically at the lowest point of the enclosure or conduit system, it supports effective liquid removal and minimizes pooling. Constructed from non-metallic nylon for corrosion resistance, the fitting is suitable for use in wet and outdoor environments and contributes to maintaining enclosure integrity and long-term reliability.

APPLICATION

- Suitable for heavy industrial; commercial; and OEM applications
- Provide condensate drainage and low-capacity breathing for industrial enclosures
- Used indoors or outdoors

- Used in highly corrosive areas

FEATURES

- Maintains enclosure integrity without compromising environmental protection
- Threaded design, hex body, and included locknut for a secure, easy installation with only one hole to drill in the enclosure!
- Utilizes a third party drain plug component marked: Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db
- Suitable for use as an accessory in increased safety (Ex eb) and protection by enclosure (Ex tb) applications in Zone 1 (gas) and Zone 21 (dust) when installed in accordance with the component manufacturer’s Ex documentation and installation instructions.

General Information

Color	Black
Material	Nylon
Air Flow	375 L/hr @ ΔP = 70 mbar (average laboratory value)
Water Flow	2.9 mL/min @ ΔP = 2.5 mbar (average laboratory value)
Installation Torque	18 in-lbs
Enclosure Wall Thickness (in.)	0.020–0.217
Thread Size	M20x1.5
Country of Origin	Turkey

STANDARDS

NEMA	4X
Temperature Range °F	-76°F to +185°F
Temperature Range °C	-60°C to +85°C