

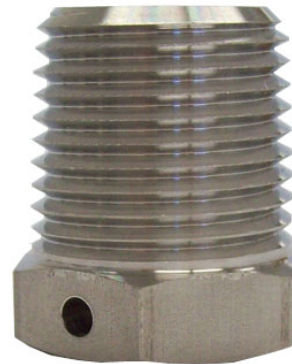
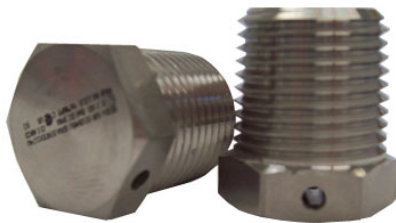
DATA SHEET:

TYPE 'BD' BREATHER DRAINS

Type 'Bd' Breather Drains are used to allow the air inside an 'Ex d' Flameproof or Class I, Division 1 Explosionproof enclosure to breathe with the surrounding atmosphere and also to allow any moisture that enters the enclosure to drain while maintaining the overall integrity of the installation.



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Approvals & Specifications

ATEX/IECEX	Exd IIC Gb & Ex tb IIIC Db IP6X IEC/EN 60079-0, IEC/EN 60079-1, IEC 60079-31 ATEX/94/9/EC
NEC/CEC	Class I, Division 1 Groups ABCD Class II, Groups EFG, Class III UL1203, UL514B, UL50 C22.2 Nos. 30, 0.5, 0-M, 45, 18.3-04, 94-M91 AExd IIC / AExe II Class I, Zone 1
Thread Gauging	Metric: 1.5mm Pitch- Medium Fit 6g NPT: Male L1 +/-1 Turn Other Thread Forms Available on Application
Material Options	Nickel Plated Brass 'N' (-50 to + 80°C) 316 Stainless Steel 'S' (-50 to +80°C)
'O' Ring Options	Nitrile (-30 to +80°C) Silicone (-50 to +80°C) Nitrile 'O' ring supplied as standard on versions with parallel male threads
Ingress Protection	With 'O' Ring or Thread Sealant, (Non-Hardening) IP 66 68, NEMA 4X 316SS & Nickel Plated Brass. Without 'O' Ring or Thread Sealant IP54
Impact Resistance	7Nm

Part Number Structure

Example - Bd.20.N.NT

- Type 'Bd' Breather Drain
- M20 Male Thread
- Nickel Plated Brass
- Nitrile 'O' Ring

Product

Bd Type Bd Breather Drain

Thread Designation

Metric	NPT	NPS	ISO	ISO	ET	PG
20	½	½S	½P	½T	¾E	13
25	¾	¾S	¾P	¾T	1E	16P

Material

'O' Ring

N	Nickel Plated Brass	NT	Nitrile (Std.)
S	316 Stainless Steel	SC	Silicone