

DATA SHEET:

TYPE 'BE' BREATHER DRAINS

Type 'Be' Breather Drains are used to allow the air inside an 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.



Approvals & Specifications

- ATEX/IEC** Exe IIC Gb & Ex tb IIIC Db IP6X
IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 60079-31
ATEX/94/9/EC
- NEC/CEC** AExe II Class I, Zone 1
UL2279, UL60079-0, UL60079-7, UL60079-1-1
E60079-0, E60079-7, E60079-1-1
- 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 IP 66, NEMA 4 (316 Stainless 4X)
With Thread Sealant (Non-Hardening) IP 66, NEMA 4 (316 Stainless 4X)
Without 'O' Ring or Thread Sealant IP54
- Impact Resistance** 7Nm
- Clearance** HLS Type Be Breather Drains are certified for Exe clearance hole applications where the castellated nut is used to secure the installation

Part Number Structure

Example - Be.20.N.NT

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

Product

Be Type Be Breather Drain

Thread Designation

| Metric | NPT | NPS | ISO | ISO | ET | PG |
|--------|-----|------|------|------|------|-----|
| 20 | 1/2 | 1/2S | 1/2P | 1/2T | 3/4E | 13 |
| 25 | 3/4 | 3/4S | 3/4P | 3/4T | 1E | 16P |

Material

'O' Ring

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