

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/2014/34/EU
- NEC/CEC** AExe II Class I, Zone 1  
UL2279, UL60079-0, UL60079-7, UL60079-1-1  
E60079-0, E60079-7, E60079-1-1
- Thread** Metric: 1.5mm Pitch - Medium Fit 6g
- Gauging** NPT: Male L1 +/-1 Turn  
Other Thread Forms Available on Application
- Material** Nickel Plated Brass 'N' (-50 to +80°C)
- Options** 316 Stainless Steel 'S' (-50 to +80°C)
- 'O' Ring** Nitrile (-30 to +80°C)
- Options** 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