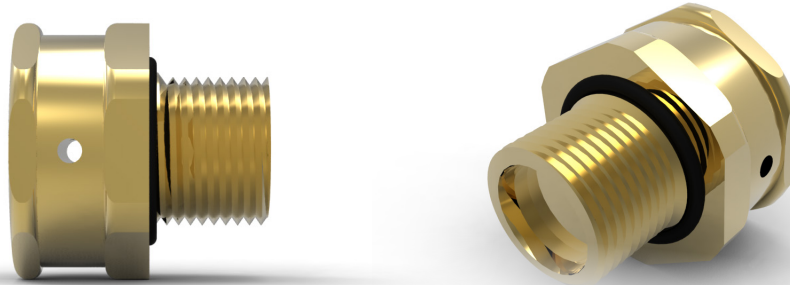




# 489

Metallic Breather Drain



Metallic breather drain designed to be installed onto metric threaded enclosures. Suitable for use in Flameproof protection concepts and mining applications.

Technical Data	
Ingress Protection	IP66
Operating Temperature	-60°C to +60°C
Construction Materials	Manufactured in Brass (Standard), Nickel Plated Brass or 316L Stainless Steel Nitrile O-Ring fitted as standard
Threadform	M20, M25*

\*Metric Thread Length 15mm as standard; Metric Thread Pitch 1.5mm as standard

Approvals	
Applications	Suitable for Use in Zone 1, Zone 21, Zone 2, Zone 22 and mining applications
Protection Class	Ex II 2GD Ex db IIC Gb; Ex tb IIIC Db Ex I M2 Ex db I Mb
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-1 and IEC/EN 60079-31
ATEX Certificate No	Baseefa 11ATEX0154X
UKEx Certificate No	BAS21UKEX0065X
IECEx Certificate Number	BAS11.0076X
Marine Approvals	ABS: 17-LD1653734-PDA BV: 43523/B0
Additional Certifications	EAC: No EA3C RU C-GB.HA91.B.00265/21 EQM: 20-11-27224/Q20-11-000979/NB0007 Inmetro: IEx 15.0208X
NEC/CEC	
NEC Protection Class	Class 1 Zone 1 AEx db IIC Gb Zone 21 AEx tb IIIC Db
CEC Protection Class	Ex db IIC Gb; Ex tb IIIC Db
c CSA us Certificate	2700364
Construction & Test Standards	CSA C22.2 No 0-10; CSA/UL 60079-0, CSA/UL 60079-7, CSA/UL 60079-31, IEC 60529

## Ordering Information

If brass is required please omit material selection  
Format for ordering is as follows: For silicone O ring add suffix S to optional

Product	Thread Size	Material	Optional
489	M25	NP	S

Part code example - 489M25NPS