

TECHNICAL DETAILS - BREATHER/DRAIN PLUG - TYPE CV

APPROVALS

SIRA 00 ATEX 3074U GOST CERT NO : POCC GB.ГБ06.В00108

METALLIC		IM2 I12DG EExe I/II
NYLON		I12DG EExe II

Sizes Available

M20	PG13.5	½”Npt
M25	PG16	¾”Npt
M32	PG21	

QUALITY

SIRA (0518) 02 ATEX M207
 BVQI ISO 9001:2000 NO. 22731

DESCRIPTION

A Drain Plug is manufactured with a range of male threads. To suit most applications, the head of increased diameter enables improved sealing, and with the inclusion of an ‘O’ Ring or the use of a Washer, will achieve IP 66. The head has a series of interconnecting holes, thus enabling drainage to occur. The unique filter is fixed inside the main bore and facilitates a slow drainage and prevents ingress.

USE

To allow an enclosure to breathe which reduces the quantity of moisture developing within the enclosure
 It also provides an effective means of allowing moisture to escape whilst maintaining the IP rating of the enclosure

INSTALLATION

Breather/Drain Plugs must be fitted through an appropriately machined entry & positioned on the underside of an enclosure at its lowest point. The Plug must be tightened using an Allen Key (10mm) in the head and a Spanner on the internally fitted castellated Locknut, (Serrated Washer and standard Locknut can be used). The Plug is supplied with a fitted ‘O’ Ring. Breather only – this must be fitted to the side or underneath of the enclosure but not to the top face. Fitting to the top face of the enclosure will cause ingress of water.

CONSTRUCTION

MATERIALS

BRASS	BS2874	1985	CZ 121
STAINLESS STEEL	BS970	PT4	1970 316
MILD STEEL	BS970	PT1	1983 220 M07
ALUMINIUM BRONZE	BS1400	1961	AB1 AB2
ALUMINIUM	BS1474	1987	6082 T6
GLASS FILLED NYLON	MDF2	BLACK	900

INGRESS PROTECTION

IP66.

TEMPERATURE

The item is classified as a component and is, therefore, not given a temperature rating. However, it is recommended that the installer should ensure that the surrounding conditions do not exceed operating temperatures of

NYLON	-20°C	to	+60°C
ALUMINIUM	-100°C	to	+500°C
BRASS	-190°C	to	+400°C
STAINLESS STEEL	-30°C	to	+750°C
STEEL	-30°C	to	+650°C

ROUTINE CHECKING AND MAINTENANCE

Raxton Breather Drain Plug is a low maintenance product. It should be examined during routine checking and dust and debris should be removed. The filter can be blown through by inserting an Allen Key into the socket and using compressed air to blow into each drainage hole. This operation can be done in situ, but it is strongly recommended that the part be removed from the enclosure.