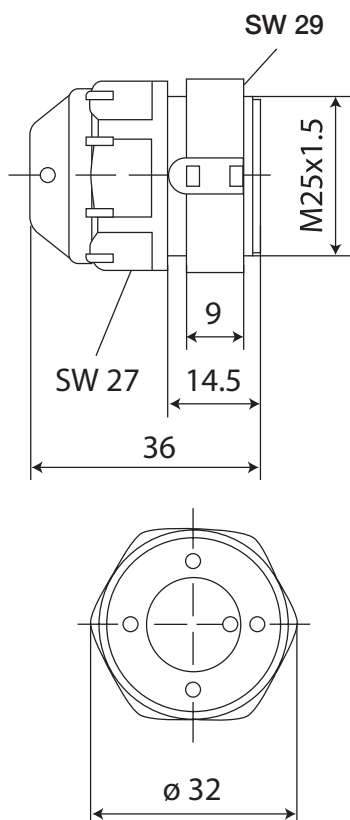


BUBRD



Buffalo Breather / Drain

- The Trader BUBRD breather/drain combines the advantages of the breather function for stabilizing internal and external air pressure as well as a drain to allow any residual moisture that does build up to be able to escape from the enclosed air sealed system.
- Cyclic temperature conditions where heated air is prevented from escaping and condensation forms on cooling, can be improved using a breather in the system to equalize internal and external pressure. Allowing pressure to be equal reduces this moisture build up helps to prevent failures due to droplets settling on live parts and causing electrical failures.
- The drain feature allows any penetrating water or condensation to be discharged.
- The BUBRD should be positioned at the lowest point of the enclosure to allow the moisture to run into it allowing escape through the membrane. (See Figure 1) To minimise the build-up in the box/enclosure there is a slot through the threaded section, (see Figure 2) and this should be positioned through the wall section of the enclosure so that water can enter into it and down into the breather/drain keeping any moisture to a minimum. If the wall of the enclosure is thick and pre-threaded, then the lock nut is not necessary providing the breather can be tightened against the seal and bottom of the box.
- Removing the breather can sometimes be difficult if it has been extremely tight and may come apart on unwinding in the anticlockwise direction with a spanner so maybe necessary to remove the enclosure cover to help unwind from the threaded section.
- Be aware that this BUBRD reduces the IP rating to IP64 if used and should be positioned accordingly. If the higher rating is required to be maintained for IP66 applications, then the other model that is only a breather BUBR should be used as it can maintain a protection rating of IP68 and can be installed in any orientation. This will help the system but not remove build ups of internal moisture other than through air transfer.

Feature:	Specification
Connection Thread	M25 x 1.5
Spanner size	27mm (breather) and 29mm (locknut)
Material	Polyamide
Degree of protection	IP64 (when facing downwards)
Colour	green
Temperature range	-40°C to +85°C
Recommended torque	0.8Nm
Compliance	IEC60079

