



Ventilation Plugs - Stainless Steel

Ventilation Plugs are used for equalizing the pressure inside and outside the enclosure. The same is achieved with the help of a membrane inside the ventilation plug, which allows for gases (air) to pass through it while blocking liquids and particulate solids (dust). Suitable for use in hazardous areas such as mining and petrochemical industry and carries ATEX directives. Applications / Benefits: These prevent components inside the enclosure from being exposed to pressurized gases when the enclosure heats up. (By virtue of pressure equalization) These also prevent generation of vacuum inside the enclosure when a heated enclosure cools off. (E.g. In luminaires) These help maintain IP 68 rating of the enclosure while allowing for the above benefits.

Technical Data

| | | |
|-------------------|--|-----------------------------------------------------------|
| Material | | Stainless Steel |
| Colour | | RAL 7035 (Light Grey) RAL 9005 (Black) |
| Temperature Range | | -20° C to +100°C Continuous, -30°C to +150°C Intermittent |
| Protection Class | | IP 68 / IP 67 (Pressure 0.1 bar) |
| Flammability | | V2 according to UL 94 |
| Membrane Material | | Acrylic copolymer on nylon support |
| Membrane Feature | | Hydrophobic - Oleophobic |
| O Ring | | Nitrile Rubber |

Approvals



Ordering Information

Ventilation Plug in Stainless Steel

| Cat. No. | Thread Diameter TD (mm) | Thread Length TL (mm) | Air Permeability lt/hour | Water Intrusion Pressure Bar | Size | Design Type | Standard Pack (Pieces) |
|-----------|-------------------------|-----------------------|--------------------------|------------------------------|------------|-------------|------------------------|
| SBBVP-01L | 12 | 10 | 16 | 0.9 | M 12 x 1.5 | C | 50 |
| SBBVP-02L | 16 | 6 | 16 | 0.9 | M 16 x 1.5 | C | 50 |
| SBBVP-03L | 20 | 6 | 16 | 0.9 | M 20 x 1.5 | C | 25 |
| SBBVPX-05 | 40 | 10 | 120 | 0.9 | M 40 x 1.5 | D | 10 |