



## THREADED PLUGS IN POLYAMIDE WITH MEMBRANE FOR BALANCING THE PRESSURE - "EZ" SERIES (METRIC THREAD) ITEM: BD-PMD M4005-120.18

**Codice EZ:** request the code from our sales office

Material: caps in polyamide 6, oleophobic/hydrophobic membrane in acrylic copolymer, O-Ring in NBR.

Color: light gray Ral 7035, dark gray Ral 7001, black Ral 9005.

Use temperature: -40°C / +100°C (with peaks of -45°C / +150°C)

IP protection: IP 67 / IP 68 (pressione di penetrazione dell'acqua = 0,1/1,45 bar/psi) / IP 69 (soltanto per BD-PMA).

Flammability: flame retardant and self-extinguishing UL94-V2.

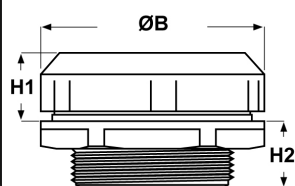
Features: caps featuring side micro-holes to allow ventilation and heat dissipation.

They are internally equipped with a special oleophobic / hydrophobic membrane resistant to bases and many organic chemical agents; it guarantees an effective pressure balance, prevents the formation of humidity and condensation and limits the unwanted temperature increase inside the equipment on which these plugs are mounted. Consequently, the equipment is better protected from the risk of corrosion and thus its duration is extended. As you can see in the table, there are 4 types of caps which differ in shape and size; the BD-PMD cap is equipped with a flat section O-Ring gasket and is supplied complete with lock nut. The air flow is measured with a differential pressure of 70 mbar / 1 psi. Some of these plugs are UL classified for applications type 1, 4, 4X (according to UL50E). Complete with O-Ring. With metric thread - EN 60423.

Regulations and Certifications: c-UR-us (see table).



The drawing is indicative and the proportions may not correspond to the table or real dimensions.



| ITEM                  | Color         | specific | thread pitch | thread value | air flow l/h | water penetration pressure bar/psi | H1 mm | H2 mm | B mm | key mm | pack pcs. |
|-----------------------|---------------|----------|--------------|--------------|--------------|------------------------------------|-------|-------|------|--------|-----------|
| BD-PMD M4005-120.18** | gray RAL 7001 | fig. D.  | Metric       | 40x1.5       | 120          | 0,9/13                             | 15,5  | 18    | 55,3 | -      | 50        |

\* Item with PTFE membrane, which is highly resistant to chemicals and is resistant to high temperatures (up to +260°C). \*\* Article certified c-UR-us, UL type 1, 4, 4X.

NB: THE TECHNICAL DRAWING NEXT TO THE IMAGE IS REPRESENTATIVE. TO VIEW THE TECHNICAL DRAWING OF A SINGLE ITEM, CLICK ON THE LENS BUTTON.

Tutte le informazioni e i dati sono indicativi e possono essere soggetti a variazioni senza preavviso

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