



DESCRIPTION

The **mPm Connectionbox** with gasket and integrated robustly and washable **Stainless-Steel-Filter** allows easy connection of Δp - measuring tubes direct at the wall of the duct of filters or pipes.

Examples: air conditioning and ventilation systems, clean-room applications, filter monitoring, industry, etc.

For mounting the **mPm Connectionbox** only one drill of 3,5 mm for one screw is necessary. You can mount in all directions of 0 - 360°. One additional one or more drills as you like are used for measuring the media.

If you measure gases with liquids e.g. air with oil, then mount the pressure-connector of the **mPm** in a horizontal position or mount it with the pressure connector at the top, so that no liquids can pass into the Δp - measuring tubes. The integrated stainless-steel-filter protects the connected Δp - measuring tubes against dust and dirt. The filter can be cleaned with water or ethyl alcohol.

The mounting is very easy, because the **mPm** can be mounted only from the outside of the duct. No handling inside the duct or the filter housing is necessary.

FEATURES

- **mPm-Connectionbox for Δp - measuring tubes in air conditioning and ventilation systems with gasket for direct mounting at the wall of ducts, filters or pipes**
- **integrated, robustly and washable stainless-steel-filter protects the Δp - measuring tubes against dust and dirt**
- **easy mounting, with one screw only**
- **smart dimensions**
- **range of ambient temperature: -20°C up to +60°C, - 4°F up to +140°F**

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TECHNISCHE DATEN / TECHNICAL DATA

Überlastbarkeit : **Statischer Gleichdruck einseitig / Static balanced pressure on one side:**
 Overload capacity : pmax = 1 bar Über- oder Unterdruck

Schutzfunktion : Edelstahl-Filterelement, auswaschbar mit Wasser oder Spiritus, schützt die Messleitungen vor Verschmutzung
 Protection : Stainless-steel-filter, washable with water or ethyl alcohol, as an protection against dust an dirt.

Betriebstemperatur : -20°C bis + 60°C
 Operating temperature : -4°F to +140°F

Druckmedium : Gase, die Polyamid, POM, Nitril, Stahl und Edelstahl 1.4301 nicht angreifen.
 Pressure media : Gases not corroding polyamide, POM, Nitril, steel and stainless steel 1.4301.

Druckanschluss : 1x Schlauchverschraubungen mit Überwurfmutter / 1x tube connector with connector nut:
 Pressure connection : Schlauchgrößen: Da/OD = 6 mm, Di/ID = 4 mm**ORDER-INDEX: -64-**
 size of tube Da/OD = 8 mm, Di/ID = 6 mm**ORDER-INDEX: -86-**
 1x Schlauchtüllen / 1x tube connectors without connector nut:
 Schlauchgrößen: Di/ID = 6 mm - 7 mm**ORDER-INDEX: -T6-**
 size of tube Di/ID = 8 mm - 10 mm**ORDER-INDEX: -T8-**

Gehäuse : Abmessungen / dimensions: 21 x 60 x 30 mm, B x H x T (Width x Height x Depth).
 Case : Material / material : PA, POM. Farbe / colour: schwarz / black. Gewicht / weight : 30 g
 Schutzart / protection class : IP 65:.....**ORDER-INDEX: -PA-**

Dichtung / Seal : Material / material : Nitril / nitrile Farbe / colour: schwarz / black

Bestell-Nr.	: mPm	- Anschluss -	Gehäuse -	CE
ORDER-INDEX	: mPm	- Connection -	Housing -	CE
Beispiel 1 / example 1	: mPm	- 64 -	PA -	CE
Beispiel 2 / example 2	: mPm	- 86 -	PA -	CE
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