

Duct probes

FK-PZ1
FK-PZ2



Duct probes for connection of pressure switches and pressure sensors to ducts.

- **Mechanically robust**
- **Airtight, yet simple and quick to mount**
- **For precise measurements (FK-PZ2)**

Use

Duct probes FK-PZ... for optimum connection of pressure switches and pressure sensors to ducts, where pressure measurements are subject to stringent requirements.

Duct probes FK-PZ2 with orifice plate, for cases where pressure measurements are subject to very stringent requirements. The orifice plate can be positioned accurately in the duct using the fixing screw on the rosette.

Type summary

Two different types are available:

FK-PZ1 Duct probes, set of 2 (for simple, quick and airtight mounting)

FK-PZ2 Duct probes, set of 2 (with orifice plate for precise measurements)

Ordering

The duct probes are supplied in sets of 2 pieces only.

When placing an order, please specify the quantity, product description and type code.

Example:

1 set of duct probes FK-PZ2

Equipment combinations

The FK-PZ... duct probes can be used for many pressure measuring devices. They allow quick, precise and easy pressure connections to air ducts for tubes with an internal diameter of 5 or 6 mm.

Mounting notes

Mounting instructions are enclosed with the duct probe: FK-PZ1 = Ref. 604.11211, FK-PZ2 = Ref. 35665.

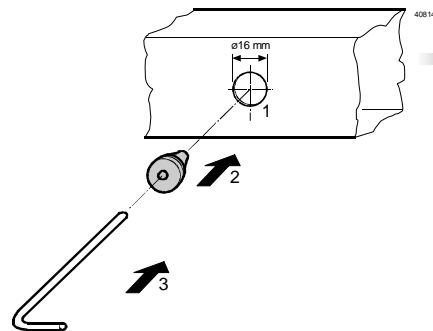
To prevent the accumulation of condensation, the pressure sensor or switch must be located at a higher level than the duct connections. The tubing should be routed so that it rises in a gradual incline to the pressure sensor or switch (no looping).

Technical data

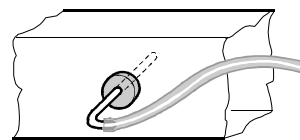
	FK-PZ1	FK-PZ2
Admissible media	Air and non-corrosive gases	Air and non-corrosive gases
Orientation	Any	Any
Pressure tube connection	Internal diameter < 6 mm	Internal diameter < 5 mm
Materials:		
Probe	Nickel-plated iron	Aluminium
Rosette	–	Aluminium
Grommet	Rubber	–
Weight including packaging	0.04 kg	0.06 kg
Delivery comprises:	Set of two probes	Set of two probes

Application example

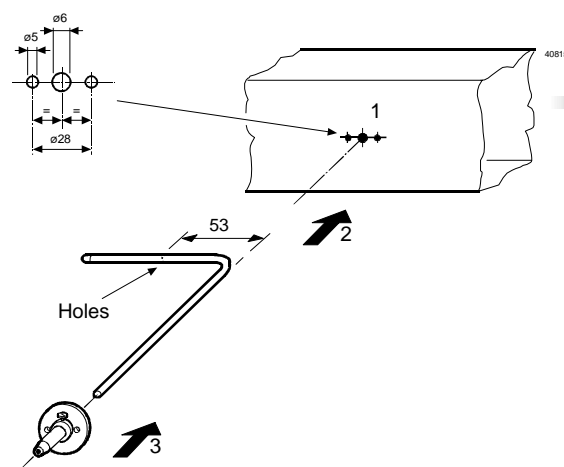
Drilling diagram FK-PZ1



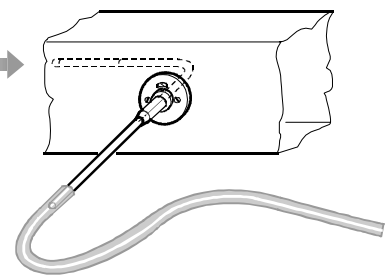
Example of installation of FK-PZ1



Drilling diagram FK-PZ2 PZ2



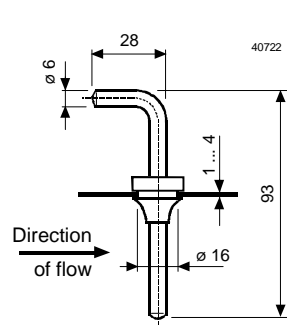
Example of installation of FK-PZ2



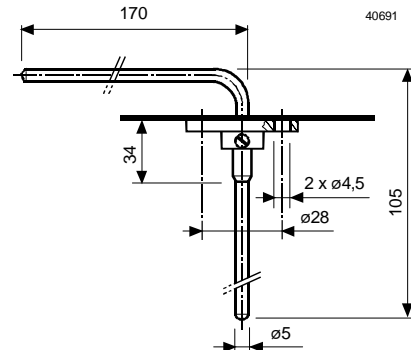
Dimensions

All dimensions in mm

FK-PZ1



FK-PZ2



Rosette

