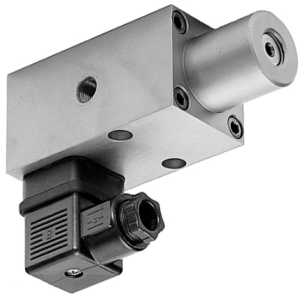
INSTRUCTION MANUAL
Difference and sturdy pressure switches



THERMIS MĚŘÍCÍ A REGULAČNÍ TECHNIKA

➢ Description and use:

Pressure switchs are designed to keep pressure within desired range. They are suitable for both liquid and gas mediums. Gas mediums though have higher requirements for tightness. Rate of leakage depends on tzpe of gas, working pressure and permeability of sealing material.

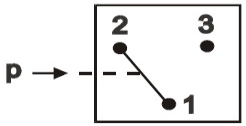
Sturdy max. 250V- Type 600, 601, 602**,** sturdy pressure switches with switch-over contact, membrane and piston design. Possibility of fixed or scale-less settings. Ranges from 0,2 to 400 bar. High overload capacity. Adjustable hysteresis. Max. voltage 250 V. Connecting thread G 1/4“, (optionally M12x1,5, M10x1, G1/8“). Wide range of membranes for agressive mediums.

Pressure difference switches max. 250V - Type 705, 710, 720,swithces with switch-over contact, membrane and piston design, designed for wide range of applications. Max. voltage 250 V. Material brass, optionally stainless steel. Connecting thread 2 x G1/8“. Material of membranes: NBR (EPDM, Viton, CR).

In case of oxygen use it is necessary to follow the safety standards. Except for that we recommend not to overcome maximum working pressure 10bar.

➢ Installation, connection

Sturdy pressure switch max. 250V–type 600 uses connecting thread G1/4“, types 601-602 use internal thread or two through-holes in the body G1/4“ possibility of flange connection. Installation position of your own choice. Surrounding temperature -25 to +85°C, always due to used membrane type. Pressure switch setting by screw with internal hexagonal M5 DIN 914-under pressure, el.connection DIN 43 650.



Pressure difference switches max. 250V- type 705 uses four threaded holes M3 in the body of the switch, type 710 uses two through-holes Ø 5,2 in the body of the switch. Type 720 uses two through-holes Ø 4 in the body of the switch. Connecting thread 2x G1/8“, installation position of your choice. Surrounding temperature -25 to +85°C, always due to used membrane type. Pressure switch setting by screw with internal hexagonal M5 DIN 914-under pressure, el.connection DIN 43 650 with outlet Pg9.

➢ Storing conditions

Storing can be carried out in closed but well-aired rooms in range of temperatures 0–40 °C with relative humidity of max. 80 %. Storing and manipulation can not harm the device. It is neccessary to treat the pressure switches with care, with no major shocks.

➢ Disposal

Disposal should be performed as follows: Hand into a recycling collection point.

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➢ Possible minor failures and their elimination

Any failures of the pressure switch must be rectified by the manufacturer only.

➢ Warranty

Provided, that the product has been placed and used according to the instruction manual, the manufacturer provides with warranty in compliance with a valid code, unless agreed otherwise.

The manufacturer will reject warranty repair, in case the product has been damaged:

– during transport and storage of the purchaser, or his customers,

– during installation or disassembly of device of the purchaser or his customer

➢ Warranty and post-warranty repairs

Warranty and post-warranty repairs are provided by the manufacturer. Warranty claim of a faulty product should be done at the seller. The warranty claim will be accepted in case, that following requirements are met:

– submitted warranty list of the given product,

– paid invoice of the product,

– the conditions and requirements of operating manual were met.