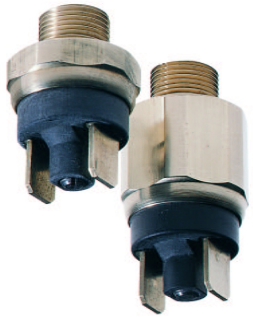
INSTRUCTION MANUAL
Standard pressure switches 42 - 250V



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. .

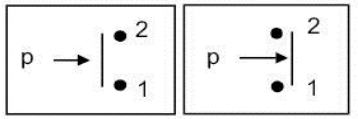
Standard max.42V – type 214, standard membrane pressure switch designed for wide range of applications. Always just one switch-on or switch-off contact. Fixed adjustable hysteresis. Ranges from 0,3 to 10 bar. Max. voltage 42 V. Material brass, optionally stainless steel or nickel-plated steel. Connecting thread G 1/8“.

Standard max. 250V - type 411, 412, 420, 431, 432, 440**,** pressure switches with switch-on, switch-off or switch-over contact, membrane and piston design, designed for wide range of applications. Adjustable or fixed hysteresis. Ranges from 0,3 to 200 bar. Max. voltage 250 V. Material nickel-plated steel, optionally stainless steel or brass. Connecting thread G ¼, optionally M12x1,5, M10x1, G1/8“. Material of membranes NBR, EPDM, Viton.

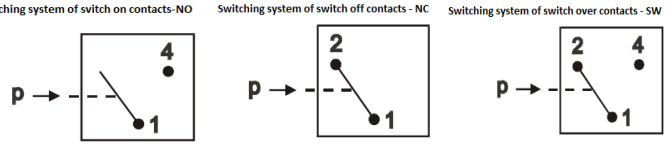
In case of oxygen use it is necessary to follow the safety standards. Except for that we recommend not to overcome maximum working pressure 10bar.

➢ Installation, connection

Standard pressure switch max.42V – connection by connecting thread G1/8“, 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 2xFAST ON 6,3.



Standard pressure switch max. 250V - connection by connecting thread G1/4“ (optionally M12x1,5; M10x1; G1/8“), 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 2xFAST ON 6,3, 3x FAST ON 6,3.



➢ 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.