

new



604.9000000

Mechanical pressure switches

Type 604 pressure switch is used as a Δp flow switch in ventilation ducts for the control of filters and fans and in primary and secondary control systems for the control of air dampers. Ideally suited to protect heating coils from overheating and for monitoring industrial air cooling circuits.

- Easy to install, user friendly snap cover
 - Case geometry permits easy cable entry - cable strain relief integrated
 - Supplied with Combi-bracket for vertical or horizontal installation
 - For ventilation and air conditioning plants (*monitor differential pressure under/over pressure*)
 - To monitor air filters and air flow
- Medium: Air and neutral gases -30 ... +85 °C
 - Electrical contact: 1 x changeover contact - 5A 250 VAC (*resistive*)
 - Protection class: IP54 (*with cover*)
 - Conformity: EN 61326-2-3, EN 60730-1

type	pressure range mbar Pa	switch	electrical connection	description	pressure connection
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Type 604 mechanical pressure switch (H) 52 x (Ø) 81

- Tolerable overload on one side: 50 mbar
- Pressure connection: PVC nipples - Ø 6.2 mm

604.9000000	0.2 ... 3	20 .. 300	1 ch/over	screw term.	pressure switch Ø 6.2 mm
604.9100000	0.5 ... 5	50 .. 500	1 ch/over	screw term.	pressure switch Ø 6.2 mm
604.9200000	1 ... 10	100 .. 1000	1 ch/over	screw term.	pressure switch Ø 6.2 mm
604.9400000	5 ... 20	500 .. 2000	1 ch/over	screw term.	pressure switch Ø 6.2 mm
604.9500000	10 ... 50	1000 ..5000	1 ch/over	screw term.	pressure switch Ø 6.2 mm

Note: Other pressure ranges available on request

Accessories for type 604 above

- 104312** connection kit for vent duct (*metal*) 90° angled - including 2 m long tube
- 100064** connection kit for vent duct (*plastic*) straight - including 2 m long tube



548.9300152401

Type 548 / 540 electronic programmable pressure switch (IP67)

The type 548 / 540 μP -regulated, programmable pressure transmitter has a robust industry design, easily adjustable parameters (*via function keys in the configuration menu*) with up to two programmable switching points. All units are equipped with a large 4 digit display assuring reliable accurate readings.

- Compact, rugged construction
- High over pressure capability
- Clearly readable display (*rotatable 180°*) - 7 segment LED, 4 digits for pressure and parameter values
- Programmable time delay functions rise and switch off delay 0 - 50 s, response time 5 ...500 ms
- 1 x Analog signal output
- 2 x programmable switching outputs No or NC (200 mA)
- Medium: Liquids and gases -20 ... +80 °C
- Response time: < 5 ms
- Conformity: EN 61326-2-3 / IEC 68-2-27 / IEC 68-2-6

type	pressure range (bar)	power supply	output DC	electrical connection	description	pressure connection
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Type 548 pressure range: -1 - 0 - 40 BAR (H) 73 x (W) 41 x (D) 42 mm

Type 548 pressure switch is based on the well proven ceramic technology developed by Huba Controls over 20 years.

- Accuracy: $\pm 0.3\%$ fs
- Overload: ≤ 10 BAR 4 x fs

548.9300152401	0 ... 10	7 - 33 VDC	4 - 20 mA	M12x1 PNP	transmitter	G 1/4"
548.9320152401	0 ... 25	7 - 33 VDC	4 - 20 mA	M12x1 PNP	transmitter	G 1/4"
548.9330152401	0 ... 40	7 - 33 VDC	4 - 20 mA	M12x1 PNP	transmitter	G 1/4"

Type 540 pressure range: 0 - 600 BAR (H) 73 x (W) 41 x (D) 42 mm

Type 540 compact pressure transmitter based on Huba Control developed thick film technology with fully welded pressure measurement cell.

- Accuracy: $\pm 0.3\%$ fs
- Overload: 3 x fs (*max. 1500 BAR*)

540.941S052401	0 ... 100	7 - 33 VDC	4 - 20 mA	M12x1 PNP	transmitter	G 1/4"
540.943S052401	0 ... 250	7 - 33 VDC	4 - 20 mA	M12x1 PNP	transmitter	G 1/4"
540.955S052401	0 ... 600	7 - 33 VDC	4 - 20 mA	M12x1 PNP	transmitter	G 1/4"

For M12 (5 pin) connectors and cables see page K-21



540.943S052401