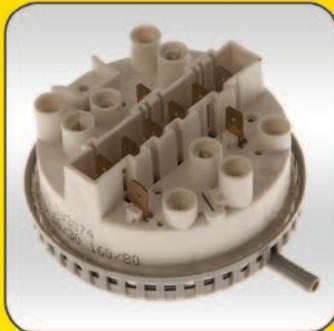
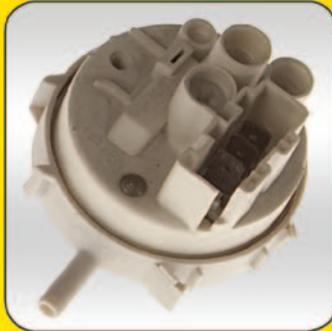




**MILANO**componenti



# PRESSURE SWITCHES



Pressure switches are two-stage devices that commutate a contact when certain air or fluid pressures are reached. The **Milano Componenti** one, two and three-level adjustable electromechanical pressure switches stand out for their high reliability.

### CERTIFICATION

**Milano Componenti** pressure switches comply with the EN 60335 and EN 60730-2-6 standards and are approved by the principle European certification bodies: IMQ, VDE, UTE, SEMKO, DEMKO, NEMCO, FEMKO, KEMA, KEUR, ASE/SEV, BEAB and OEVE.

Pressure switches can also be manufactured in compliance with the American UL and CSA standards.

### APPLICATIONS

**Milano Componenti** pressure switches are used in control systems in general, and in the domestic appliance sector in particular, for controlling the water level in machines. They can also perform anti-overflow and resistance protection functions.

### OPERATION

The moving part of adjustable electromechanical pressure switches, formed by a disc membrane, operates a snap-action changeover contact, which can be duly set to the required pressure level.

### MATERIALS

Body in self-extinguishing glass-fibre reinforced polyamide PA 66, flame retardant up to 850°C (Glow Wire test); silver-plated brass terminals; CuBe (beryllium copper alloy) movable contact strip; silver-alloy contact.

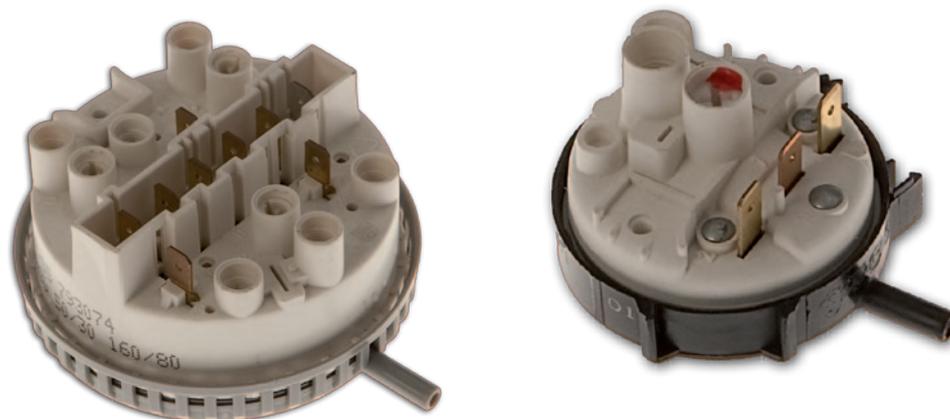
### SPECIAL VERSIONS

The electromechanical pressure switches are available in a version with either a centre or a side spout (pressure inlet). In the latter case, the specific clip for quick coupling on the mounting template can be requested.

On request and for sufficient quantities, **Milano Componenti** also develops special versions to the client's design.

### MOUNTING

Pressure switches can be snap-fitted on the sheet metal or plastic mounting panel perforated according to the template, or secured by a 3.5 mm self-tapping screw in a mounting hole on a bracket supplied by the client.



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# MILANOcomponenti

MILANO COMPONENTI s.r.l. Via Carlo D'Adda 28 - 20143 MILANO

tel.: (39) 02 89421465 - fax.: (39) 02 83249533 e-mail: [info@milanocomponenti.com](mailto:info@milanocomponenti.com) [www.milanocomponenti.com](http://www.milanocomponenti.com)

## 760 SERIES PRESSURE SWITCHES

### TECHNICAL SPECIFICATIONS

#### MAIN CONTACTS

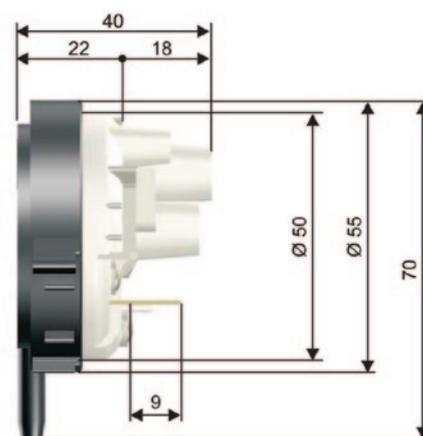
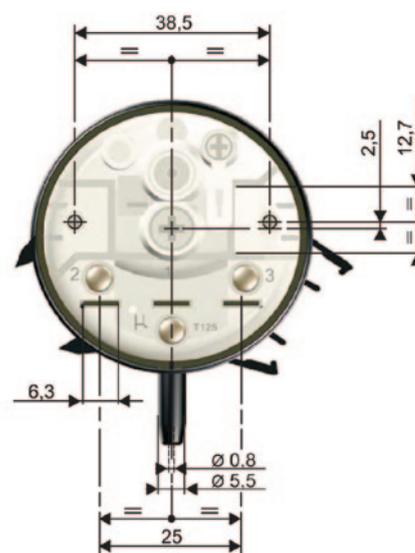
Max working voltage	250 V AC
Resistive current	16 A
Motor current	4 A

#### ANTI-OVERFLOW CONTACT

Max working voltage	250 V AC
Resistive current	1 A
Motor current	1 A

#### RESISTANCE-PROTECTION CONTACT

Max working voltage	250 V AC
Resistive current	0.1 A
Frequency	50 / 60 Hz
Duty type	Frequent
Contact gap	$u (< 3 \text{ mm})$
Max pressure	5000 PA
Max operating temperature	85°C
Dielectric strength of terminals and support	$>2.75 \text{ kV (1 min)}$



## 760 SERIES PRESSURE SWITCHES – ELECTRONIC VERSION

### SPECIFICATIONS

Max working voltage	5 V
Rated resistive current	5 mA
Insulating resistance between terminals and support	$>50 \text{ mA}$

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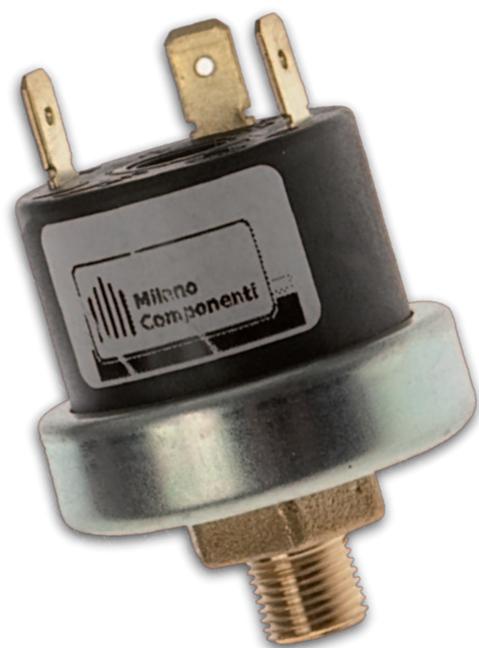
tel.: (39) 02 89421465 - fax.: (39) 02 83249533 e-mail: [info@milanocomponenti.com](mailto:info@milanocomponenti.com) [www.milanocomponenti.com](http://www.milanocomponenti.com)

## SPECIAL SERIES PRESSURE SWITCHES - HIGH-PRESSURE

(BRASS)

### CARATTERISTICHE COSTRUTTIVE

Mounting	brass
Thread	1/8 - 1/4
Cover	thermo polymer (PET)
Membrane	AISI 316 and silicone
Protection class	IP00
Adjustment	by screw
Electrical contacts	10 (2) -250VA
Connection	faston terminals 6.3 x 0.8
Ambient temperature	125 °C



RANGE OF ADJUSTMENT	TEST PRESSURE	FIXED DIFFERENTIAL
0,2 ÷ 1,2 bar	4 bar	0,3 ± 0,15 bar
1 ÷ 2,5 bar	5 bar	0,3 ± 0,15 bar
1,5 ÷ 4 bar	6 bar	0,35 ± 0,15 bar
2 ÷ 6 bar	8 bar	0,35 ± 0,2 bar

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