



## PRESSOSTATO **SERIE SP** PRESSURE SWITCHES **SERIES SP**

### Descrizione

Il pressostato serie SP trova il suo ottimale utilizzo nei seguenti settori:

- Riscaldamento (caldaie murali)
- Sistemi di condizionamento
- Sistemi a caldaia (stiro, caffè, lavamoquette, giardinaggio, ecc.)
- Applicazioni industriali
- Trattamento acque

Costituito da un elemento sensibile in AISI 301, è compatibile nel suo utilizzo con diversi tipi di fluidi gassosi o liquidi, con temperature fino a 150° C.

La taratura è regolabile.

E' costruito con tecnopolimero rinforzato.

L'utilizzo della tecnologia di saldatura ad ultrasuoni, rende omogeneo e stabile nel tempo l'accoppiamento dei componenti che costituiscono il prodotto, evitando giunzioni metalliche o rivettature.

### Description

The series SP pressure switches are ideal for the following applications:

- Heating systems (wall-mounted boilers)
- Air conditioning systems
- Boiler systems (ironing stations, automatic coffee machines, carpet cleaners, garden appliances, etc.)
- Industrial applications
- Water treatment

With the AISI 301 probe, they can be used for different types of gaseous and liquid media with temperatures of up to 150° C.

The devices have an adjustable range.

The pressure switches are made of reinforced technical polymers.

The use of ultrasonic welding technology ensures an even and permanent connection of the components of the product without metal joints or rivets.

## Dati Tecnici / Technical specifications

Plastic housing	Polyarylamide Solvay (also available as IEC 60695-2-12 GWFI approved materials, food approval)			
Membrane	AISI 301			
Microswitch	1 - Approved ENEC 2 - Availability: <b>NO</b> Normally open <b>NC</b> Normally closed <b>DEV</b> Changeover			
Terminals	Fast-on 6,3 x 0,8; RAST 2,5; RAST 5 (electric connections available on request)			
Contacts	AgNi10 (contacts for low voltage signal)			
Hydraulic inlet	See connections			
Degree of protection	IP 00			
Weight	~24 g			
Adjustment range	<b>1° Range</b>	<b>2° Range</b>	<b>3° Range</b>	<b>4° Range</b>
	0,2 ... 1,2 bar	1,0 ... 2,5 bar	1,5 ... 4,0 bar	3,0 ... 6,0 bar
Maximum overload pressure	10 bar			
Temperature of the medium	< 150 °C			
Ambient temperature	-20 °C ... +125 °C			
Electrical data	5 Vdc ... 230 Vdc / 16 A, 250 V			
Service life microswitch	100000 cycles			
Mechanical resistance pressure switch	> 20 bar			
Storage conditions	Humidity-free and dust-free environment			

## Omologazioni / Conformity

- EN 60730-1, EN 60730-2-6, EN 60730-1:2016/A1:2019
- Omologazioni secondo "WRAS" per acqua ad usi alimentari.  
WRAS approval for water in food applications.
- Tutti i nostri prodotti sono conformi alla direttiva (UE) 2017/2102 (RoHS) e al regolamento (CE) 1907/2006 (REACH).  
All our products comply with the directive (EU) 2017/2102 (RoHS) and regulation (EC) 1907/2006 (REACH).



## Varianti / Versions

BRASS



PRESSOSTATO **SERIE SP CORPO IN OTTONE**  
**SERIES SP PRESSURE SWITCH BRASS BODY**

INOX



PRESSOSTATO **SERIE SP CORPO IN INOX**  
**SERIES SP PRESSURE SWITCH INOX BODY**

# Codifica / Type code

Esempio / Example:  
**SP A B 40U D 00**

1 Series	2 Type	3 Connection	4 Calibration	5 Microswitch Circuit	6 Custom
SP	C - Heating (wall heaters)	A - R 1/8 Conical	XX D - Decresing	D - Switch 3 pins	00 - Standard
	V - Steam	B - G 1/4 + O-ring	XX U - Incresing	NA - Normally open	20 - Microswitch (connection protected)
	I - Industrial applications	C - G 3/8		NC - Normally closed	25 - Microswitch (+ connector)
	A - Food contact	D - Fast connection Ø 14		VA - Vertical normally open	40 - Microswitch (full covered)
	O - Brass	E - G 1/4 without O-ring			42 - Silicon membrane
	S - Inox	F - RILSAN Ø 6			
	R - Manual restart	G - Adaptor G 1/4 plastic			
	L - Linear	H - Fast connection			
		I - Fast connection			
		K - Adaptor John Guest Ø 6,00			
		L - Adaptor G 1/4 brass			
		M - Hex key 14 mm - G 1/4			
		N - Circular connector			
		P - RILSAN Ø 6,35			
		R - Fast connection			
		S - Adaptor G 1/8 brass			
		T - G 1/4 female			
		U - RILSAN Ø 8			
		V - Adaptor G 3/8 brass			
		W - M 10x1 (brass) + O-ring			
		X - Adaptor John Guest Ø 4			
		Y - Adaptor John Guest Ø 6,35			
		Z - Adaptor John Guest Ø 8			

# Connessioni idrauliche / Hydraulic connections



