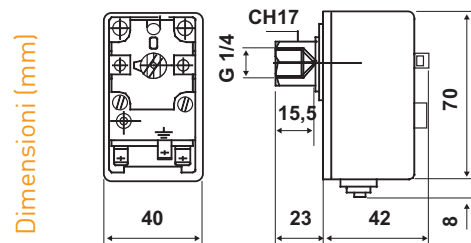


# B01...M

## Safety pressure switches with manual reset and fixed differential

Pressure switches with stainless steel membrane, suitable for vapour generators, for fluids and inert gases in general.

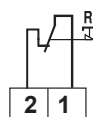


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B01AM	0,7 ÷ 3	0,4	6	female	IP40	in stock
B01BM	2 ÷ 5,5	0,6	7	female	IP40	in stock
B01CM	3 ÷ 7	0,6	9	female	IP40	in stock
B01DM	4 ÷ 15	1	18	female	IP40	in stock
B01AM4	0,7 ÷ 3	0,4	6	male	IP40	on request
B01BM4	2 ÷ 5,5	0,6	7	male	IP40	on request
B01CM4	3 ÷ 7	0,6	9	male	IP40	on request
B01DM4	4 ÷ 15	1	18	male	IP40	on request

1 Bar = 100kPa / \* The differential must be deducted from the range value.

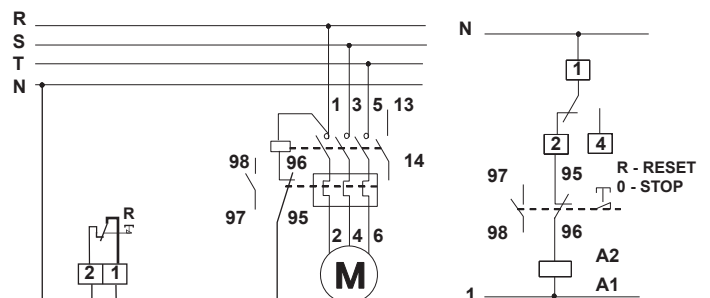
## ELECTRICAL FEATURES

Snap action SPDT microswitch with manual reset, contacts in silver alloy.



	220V~	250V~	380V~
Nominal insulation tension	Ui 380V~		
Continuous duty nominal current	Ith 15A		
Operating nominal current Ie			
Resistive load	AC-12	10A	10A
Inductive load	AC-15	0,2A	1,5A
Continuous current	DC-13	0,2A	-

### EXAMPLE OF ELECTRICAL WIRING



# HOMOLOGATION AND STANDARDS

Complies with EN 60730-1 and EN 60730-2-6 standards.

Corresponding to the requirements provided in the R.3.B. chapter of the applied technical specifications of D.M. dated December 1st 1975. B01BM with I.S.P.E.S.L. homologation.

**CE 0497**

# INSTALLATION

Direct installation on the pipe.

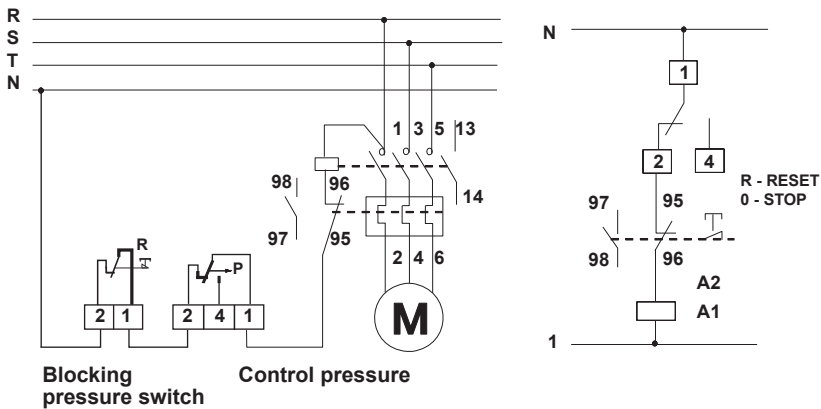
In case of fluid temperatures higher than the maximum allowed, connect the pressure switch to the pipe by inserting a metallic spiral between the pressure switch and the pipe to facilitate heat dispersion.

# OPERATION

When it is reached the blocking value of the pressure: 1-2 opens.

To reset wait until the pressure drops below differential's value and operate the reset button.

CONNECTION EXAMPLE OF B01M COMBINED WITH B01 CONTROL PRESSURE SWITCH



# FEATURES

Elements in contact with the fluid are in stainless steel, laser welded.

Base, cover in V0 self-extinguishing, shockproof thermoplastic material.

Output connections with PVC cable gland.

Sensing element with stainless steel membrane.

Internal regulation: the cover is made to be welded after setting and testing.

Maximum temperature of the controlled fluid 120 °C.

Pressure switch body admissible temperature -35 ÷ 80°C.

Storage and transport temperature -35 ÷ 80 °C.

Unit weight 0,14 Kg.

# ACCESSORIES



303298LA

G1/2 cable gland in V0 self-extinguishing, shockproof thermoplastic material for output connections.