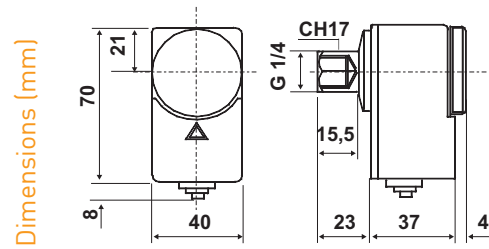


# B01

## Pressure switches up to 15 bar with fixed differential

Pressure switches for fluids and inert gases. Suitable for compressors, autoclaves, control of lubrication circuits, steam boilers, irrigation systems etc.

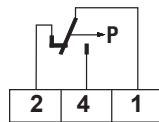


|       | Range<br>bar | Differential*<br>bar | Sensitive element<br>max. pressure<br>bar | Connection<br>G 1/4 | Protection<br>degree | Availability |
|-------|--------------|----------------------|---|---------------------|----------------------|--------------|
| B01A  | 0,7 ÷ 3      | 0,4                  | 6   | femmina             | IP40                 | in stock     |
| B01B  | 2 ÷ 5,5      | 0,6                  | 7   | femmina             | IP40                 | in stock     |
| B01C  | 3 ÷ 7        | 0,6                  | 9   | femmina             | IP40                 | in stock     |
| B01D  | 4 ÷ 15       | 1                    | 18  | femmina             | IP40                 | in stock     |
| B01A4 | 0,7 ÷ 3      | 0,4                  | 6   | maschio             | IP40                 | on request   |
| B01B4 | 2 ÷ 5,5      | 0,6                  | 7   | maschio             | IP40                 | on request   |
| B01C4 | 3 ÷ 7        | 0,6                  | 9   | maschio             | IP40                 | on request   |
| B01D4 | 4 ÷ 15       | 1                    | 18  | maschio             | IP40                 | on request   |

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

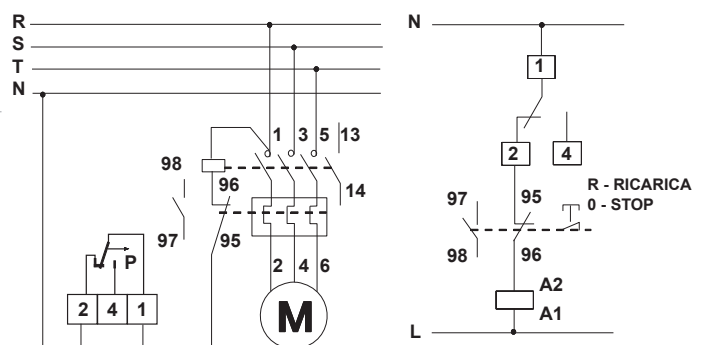
## ELECTRICAL FEATURES

Snap action SPDT microswitch with AgCdO contacts.



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

### EXAMPLE OF ELECTRICAL WIRING



# HOMOLOGATION AND STANDARDS

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

**CE 0497**

## INSTALLATION

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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

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When it is reached the blocking value of the pressure: 1-2 opens, 1-4 closes.

If these devices are used as control pressostats (pressure lack), verify that maximum pressure does not exceed maximum supported sensitive element pressure.

## FEATURES

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

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

Output connections with PVC cable gland.

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: 0,15 Kg.

## ACCESSORIES

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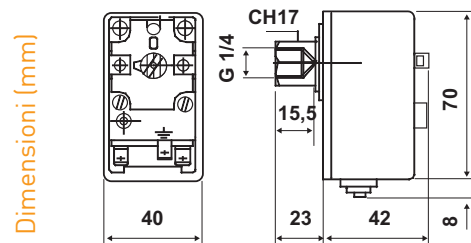
303298LA

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

# 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.

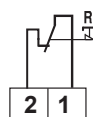


|        | Range<br>bar | Differential*<br>bar | Sensitive element<br>max. pressure<br>bar | Connection<br>G 1/4 | Protection<br>degree | Availability |
|--------|--------------|----------------------|---|---------------------|----------------------|--------------|
| B01AM  | 0,7 ÷ 3      | 0,4                  | 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.

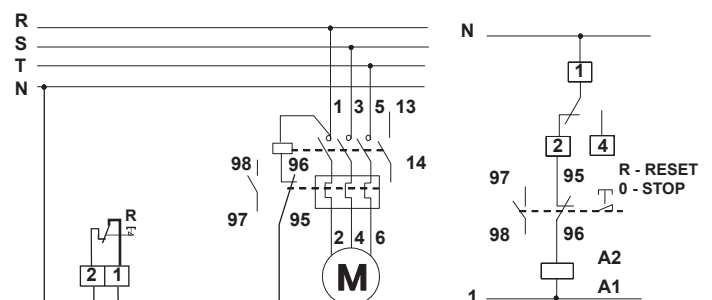
## ELECTRICAL FEATURES

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.

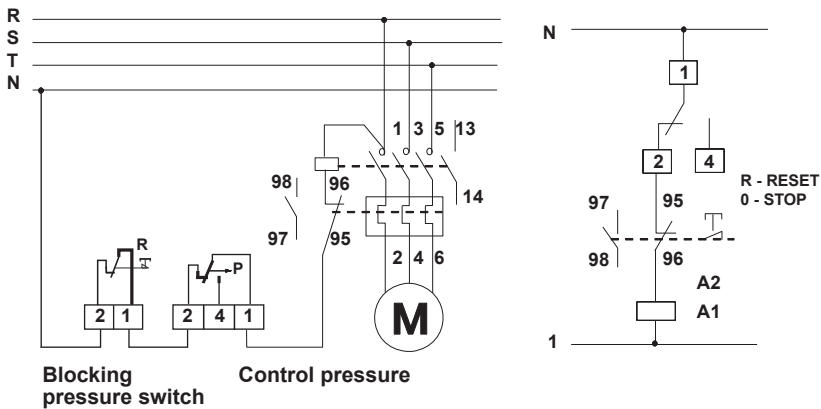
In case of fluid temperatures higher than the maximum allowed, connect the pressure switch to the pipe by inserting a metallic spiral between the pressure switch and the pipe to facilitate heat dispersion.

# 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



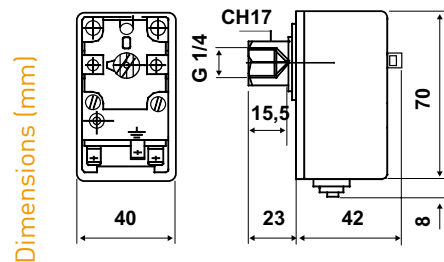
303298LA

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

# B01..RI

## Pressure switches with internal indicator with fixed differential

Pressure switches for fluids and inert gases. Suitable for autoclaves, control of lubrication circuits, steam boilers, irrigation systems etc.

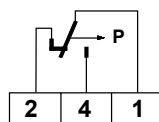


|         | Range<br>bar | Differential*<br>bar | Sensitive element<br>max. pressure<br>bar | Connection<br>G 1/4 | Protection<br>degree<br>IP40 | Availability |
|---------|--------------|----------------------|---|---------------------|------------------------------|--------------|
| B01ARI  | 0,7 ÷ 3      | 0,4                  | 6   | female              | IP40                         | on request   |
| B01BRI  | 2 ÷ 5,5      | 0,6                  | 7   | female              | IP40                         | on request   |
| B01CRI  | 3 ÷ 7        | 0,6                  | 9   | female              | IP40                         | on request   |
| B01DRI  | 4 ÷ 15       | 1                    | 18  | female              | IP40                         | on request   |
| B01A4RI | 0,7 ÷ 3      | 0,4                  | 6   | male                | IP40                         | on request   |
| B01B4RI | 2 ÷ 5,5      | 0,6                  | 7   | male                | IP40                         | on request   |
| B01C4RI | 3 ÷ 7        | 0,6                  | 9   | male                | IP40                         | on request   |
| B01D4RI | 4 ÷ 15       | 1                    | 18  | male                | IP40                         | on request   |

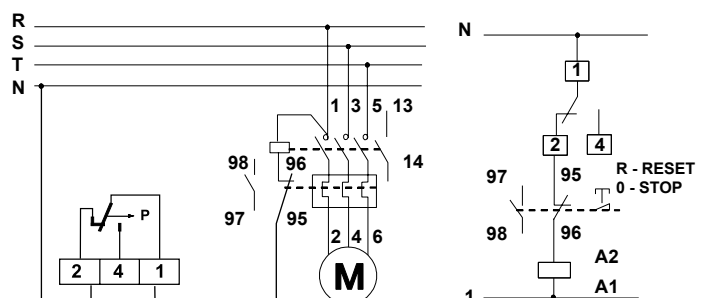
1 Bar = 100Kpa \*The differential must be deducted from the range value.

## ELECTRICAL FEATURES

Snap action SPDT microswitch with AgCdO contacts.



### EXAMPLE OF ELECTRICAL WIRING



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

# HOMOLOGATION AND STANDARDS

---

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

**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 pressure increases: 1-2 opens, 1-4 closes.

If these devices are used as control pressostats (pressure lack), verify that maximum pressure does not exceed maximum supported sensitive element pressure.

## FEATURES

---

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

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

Output connections with PVC cable gland.

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: 0,15 Kg.

## ACCESSORIES

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303298LA

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