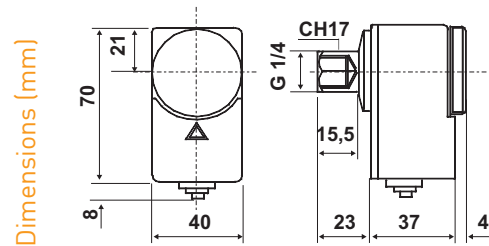


B01

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.

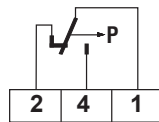


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B01A	0,7 ÷ 3	0,4	6	femmina	IP40	in stock
B01B	2 ÷ 5,5	0,6	7	femmina	IP40	in stock
B01C	3 ÷ 7	0,6	9	femmina	IP40	in stock
B01D	4 ÷ 15	1	18	femmina	IP40	in stock
B01A4	0,7 ÷ 3	0,4	6	maschio	IP40	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.

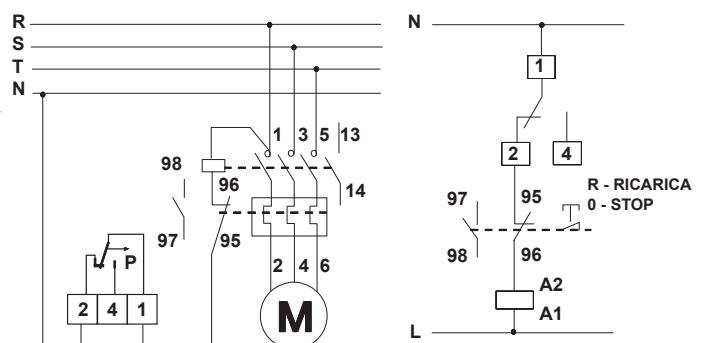
ELECTRICAL FEATURES

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~ -	250V~ 10A	380V~ 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.

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, 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



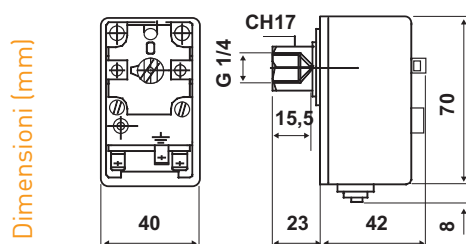
303298LA

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.

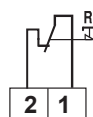


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B01AM	0,7 ÷ 3	0,4	6	female	IP40	in stock
B01BM	2 ÷ 5,5	0,6	7	female	IP40	in stock
B01CM	3 ÷ 7	0,6	9	female	IP40	in stock
B01DM	4 ÷ 15	1	18	female	IP40	in stock
B01AM4	0,7 ÷ 3	0,4	6	male	IP40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

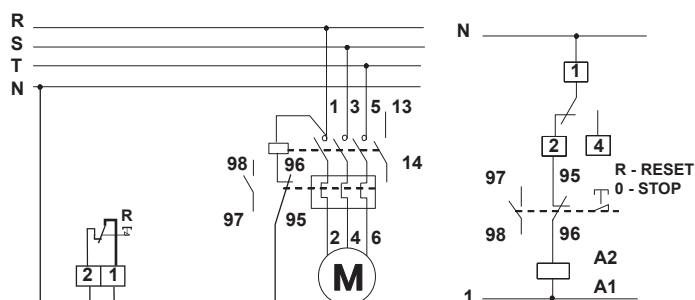
ELECTRICAL FEATURES

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



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

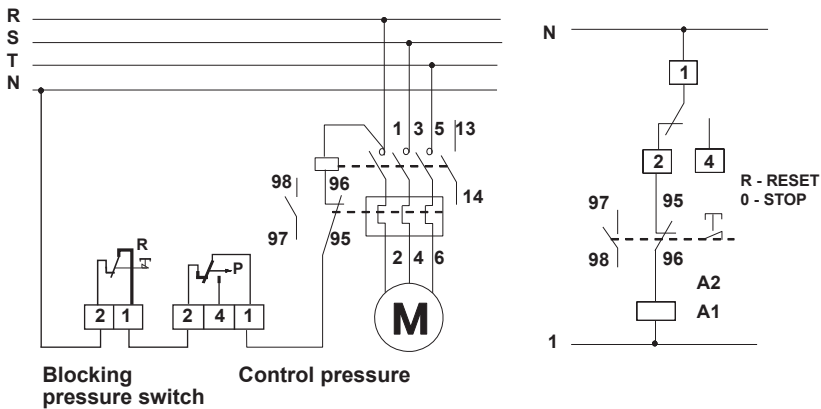
In case of fluid temperatures higher than the maximum allowed, connect the pressure switch to the pipe by inserting a metallic spiral between the pressure switch and the pipe to facilitate heat dispersion.

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



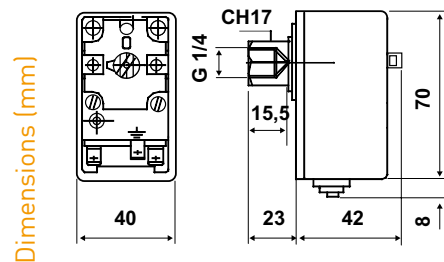
303298LA

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.

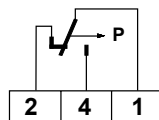


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree IP40	Availability
B01ARI	0,7 ÷ 3	0,4	6	female	IP40	on request
B01BRI	2 ÷ 5,5	0,6	7	female	IP40	on request
B01CRI	3 ÷ 7	0,6	9	female	IP40	on request
B01DRI	4 ÷ 15	1	18	female	IP40	on request
B01A4RI	0,7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

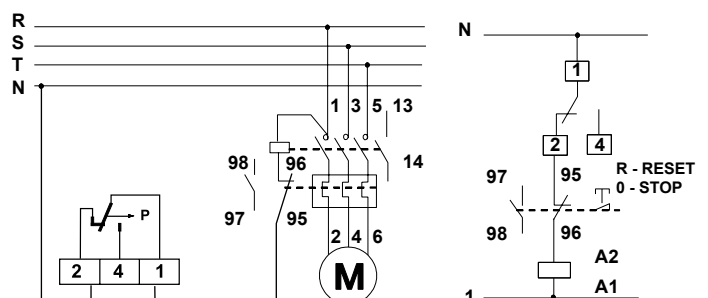
1 Bar = 100Kpa *The differential must be deducted from the range value.

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



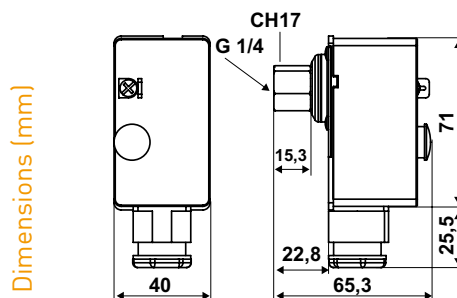
303298LA

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

B01BMX

Maximum pressure switch with manual reset, IP44

Safety pressure switch with manual reset, suitable for heating systems.

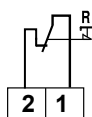


	Range bar	Differential minimum for reset	Sensitive element max. pressure bar	Connection	Protection degree	Contact type
B01BMX	2 ÷ 5,5	0,6 bar	7	female G 1/4	IP44	NC

1 Bar = 100Kpa

ELECTRICAL FEATURES

Microswitch with manual reset.



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

If the fluid temperature exceeds the max allowed value, connect the pressure switch to the pipe by mean of a spiral metallic tube to better dissipate the heat.

OPERATION

When pressure reaches the minimum set value: 1-2 opens.

The reset function (closes 1-2) is only possible by re-arming the pressure switch by pushing the reset button once the pressure inside the pipe is above the minimum set value.

FEATURES

Fluid contact parts made in stainless steel, laser welded.

Base and cover in shockproof thermoplastic material.

Output connections in shockproof and self-extinguishing thermoplastic V0 cable gland.

Sensible element with membrane made in stainless steel.

Internal adjustment: the case is ready to be sealed after the calibration.

Maximum temperature of the controlled fluid: 120°C.

Pressure switch max body temperature: $-35 \div 80^{\circ}\text{C}$.

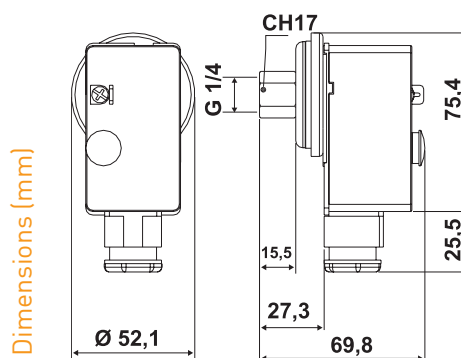
Storage and transport temperature: $-35 \div 80^{\circ}\text{C}$.

Unit weight: 0,14Kg.

B01FML

Minimum pressure switch with manual reset

Safety pressure switch with manual reset, suitable for heating systems.



	Range bar	Differential bar	Default setting bar	Sensitive element max. pressure bar	Connection	Protection degree	Contact type
B01FML	0,5 ÷ 2,5	> 0,5	0,5	6	female	IP44	NO

1 Bar = 100Kpa

ELECTRICAL FEATURES

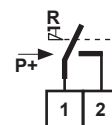
Microswitch with manual reset and contacts in silver alloy.

Contact rating according to EN 60730-1:

15(6)A 250V~ 50Hz

Rating according to EN 60947-5-1:

Nominal insulation tension	Ui 380V~		
Continuous duty nominal current	Ith 15A		
Operating nominal current Ie:	220V~	250V~	380V~
Resistive load	AC-12	-	15A 10A
Inductive load	AC-15	-	2,5A 1,5A
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.
Connection G 1/4.

OPERATION

When pressure reaches the minimum set value: 1-2 opens.

The reset function (closes 1-2) is only possible by re-arming the pressure switch by pushing the reset button once the pressure inside the pipe is above the minimum set value.

FEATURES

Sensible element made in stainless steel, laser welded.

Cover in shockproof thermoplastic material.

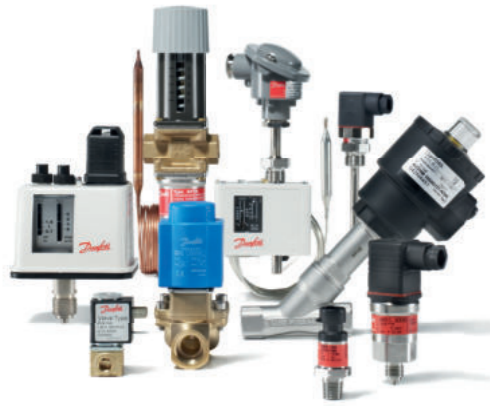
Output connections in shockproof and self-extinguishing thermoplastic V0 cable gland.

Maximum temperature of the controlled fluid: 120°C.

Pressure switch max body temperature: -35 ÷ 80°C.

Storage and transport temperature: -35 ÷ 80°C.

Unit weight: 0,15Kg.



KOMPONENTY AUTOMATYKI PRZEMYSŁOWEJ

- Przetworniki ciśnienia
- Czujniki temperatury
- Czujniki położenia
- Presostaty, termostaty, wyłączniki
- Zawory elektromagnetyczne
- Zawory termostatyczne
- Zawory sterowane pneumatycznie

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ANALIZA FIZYKO-CHEMICZNA

- Czujniki analityczne i systemy pomiarowe m.in. do: pH, redoks, przewodność, mętność, tlen, osad, środki dezynfekujące
- Moduły sterujące i wykonawcze
- Zespoły analityczne
- Przetworniki analityczne
- Akcesoria analityczne

ABB

Endress+Hauser **E+H**

KROHNE

WTW
a xylem brand



TECHNIKA NAPĘDOWA

- Przetwornice częstotliwości niskiego napięcia
- Przetwornice częstotliwości średniego napięcia
- Przetwornice zdecentralizowane
- Systemy modułowe
- Aktywne i pasywne filtry ograniczające THDi
- Sterowniki ruchu, serwonapędy i motoreduktory, softstartery

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VEGA

POMIAR POZIOMU

- Sygnalizatory wibracyjne, pojemnościowe, mikrofalowe oraz przewodnościowe
- Sondy radarowe
- Sondy ultradźwiękowe
- Sondy hydrostatyczne
- Pomiar radiometryczny

Endress+Hauser **E+H**

SIEMENS



CHŁODNICTWO PRZEMYSŁOWE

- Zawory: rozprężne, zwrotne, odcinające, bezpieczeństwa, blokowe, regulacyjne oraz elektromagnetyczne
- Filtry
- Wzierniki
- Presostaty oraz termostaty
- Sprężarki oraz agregaty skraplające
- Sterowniki programowalne
- Części oraz zestawy naprawcze

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POMIAR PRZEPIYWU

- Przepływomierze elektromagnetyczne
- Przepływomierze masowe Coriolisa
- Przepływomierze ultradźwiękowe
- Przepływomierze rotametryczne
- Przepływomierze różnicy ciśnień
- Przepływomierze Vortex

ABB

Endress+Hauser **E+H**

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POMPY I AGREGATY PRZEMYSŁOWE

- Pompy przemysłowe, dozujące i specjalne
- Zawory regulacyjne i przelewowe
- Filtry
- Dysze palnikowe, wodne, przemysłowe
- Agregaty i akumulatory ciśnienia
- Pompy wysokociśnieniowe

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hp
TECHNIK

KSB

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