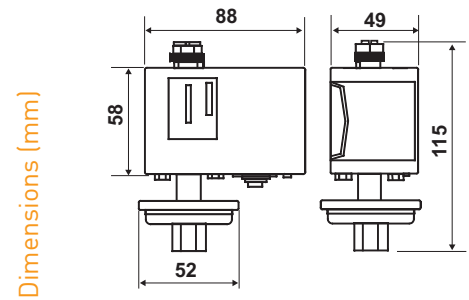


B11AN

Hydrostats up to 1 bar

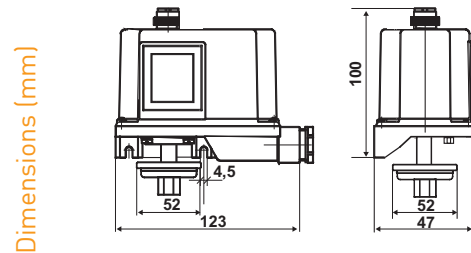
These devices are used for protection against lack of water in cooling systems. Suitable against lack of oil in lubrication circuits or lack of coolant in cooling systems. Pressure control is intended mainly for protection against boiling and combustion.



Dimensions (mm)

	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree IP40	Availability
B11AN	0,15 ÷ 1	0,1 fixed	20	female	IP40	in stock
B11AN4	0,15 ÷ 1	0,1 fixed	20	male	IP40	on request

WATERPROOF CASING EXECUTION



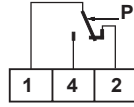
Dimensions (mm)

	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree IP65	Availability
B11ANY	0,15 ÷ 1	0,1 fixed	20	female	IP65	in stock
B11AN4Y	0,15 ÷ 1	0,1 fixed	20	male	IP65	in stock

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

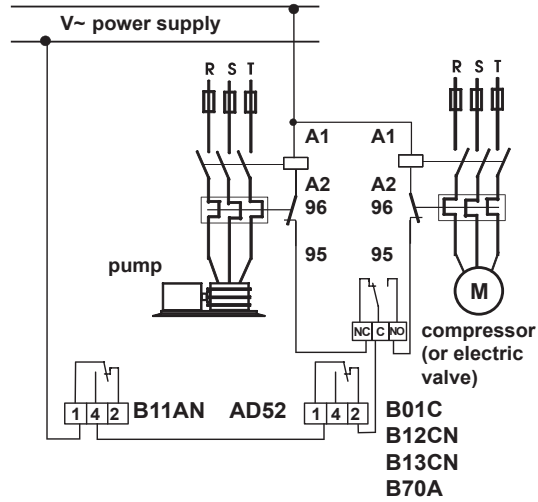
ELECTRICAL FEATURES

Snap action SPDT microswitch, contacts in AgCdO.



Nominal insulation tension	Ui 415V~
Continuous duty nominal current	Ith 16A
Operating nominal current Ie	220V~ 380/415V~
Resistive load	AC-11 - 16A
Inductive load	AC-3 - 6A
Continuous current	DC-13 0,2A -

EXAMPLE OF ELECTRICAL WIRING



HOMOLOGATION AND STANDARDS

Complies with EN 60947-1 and 60947-5-1 standards.

CE 0497

INSTALLATION

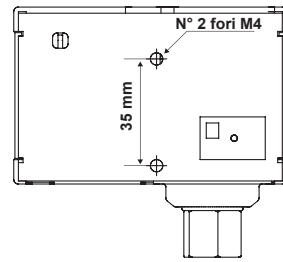
Direct installation on the pipe.

Pressure element connection G 1/4.

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.

Possibility of mounting on metallic clamp, except for the waterproof casing versions.

MOUNTING MODEL



OPERATION

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

FEATURES

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

Metallic frame.

Cover in shockproof thermoplastic material.

Output connections with PVC cable gland.

Connection G 1/4.

Maximum temperature of the controlled fluid: 120 °C.

Pressure switch body admissible temperature: -35 ÷ 60°C.

Storage and transport temperature: -35 ÷ 60 °C.

Unit weight: 0,47 Kg. B11AN.

ACCESSORIES



303298LA

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



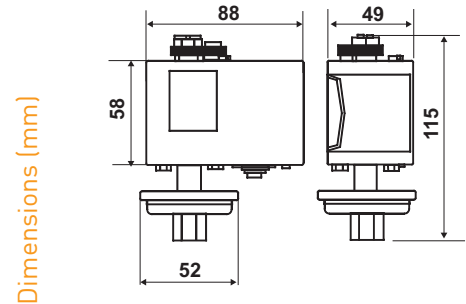
2593367

Protection casing IP44

B12AN - B12BN

Vacuum pressure switches up to - 0.82 bar
Pressure switches up to 2 bar

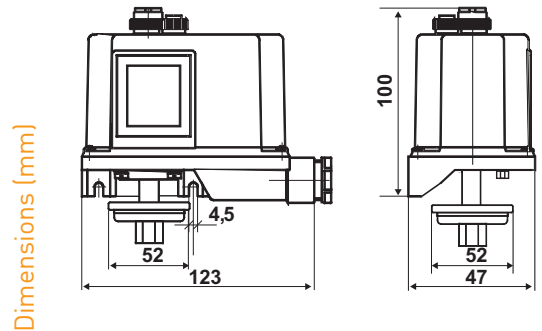
To adjust vacuum values in the pumps (B12AN) or to control pressure values of tanks or steam generators where it is required a low differential (B12BN).



Dimensions (mm)

	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B12AN	-0,82 ÷ 0	0,1 fixed	2,5	female	IP40	in stock
B12AN4	-0,82 ÷ 0	0,1 fixed	2,5	male	IP40	on request
B12BN	0,2 ÷ 2	0,1 ÷ 0,5	4	female	IP40	in stock

WATERPROOF CASING EXECUTION

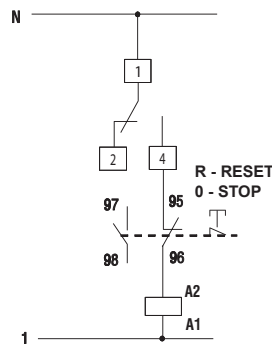
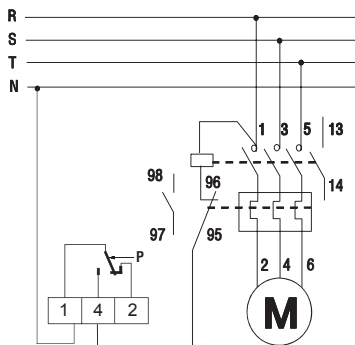
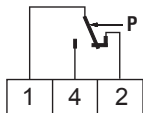


Dimensions (mm)

	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B12ANY	-0,82 ÷ 0	0,1 fixed	2,5	female	IP65	in stock
B12BNY	0,2 ÷ 2	0,1 ÷ 0,5	4	female	IP65	in stock

Snap action SPDT microswitch, contacts in AgCdO.

EXAMPLE OF ELECTRICAL WIRING



Nominal insulation tension	U _i 415V~	
Continuous duty nominal current	I _{th} 16A	
Operating nominal current I _e	220V-	380/415V~
Resistive load	AC-1	- 16A
Inductive load	AC-3	- 6A
Continuous current	DC-13	0,2A

HOMOLOGATION AND STANDARDS

Complies with EN 60947-1 and 60947-5-1 standards.

CE 0497

INSTALLATION

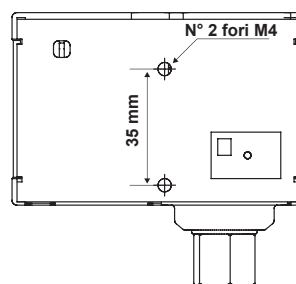
Direct installation on the pipe.

Pressure element connection G 1/4.

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.

Possibility of mounting on metallic clamp, except for the waterproof casing versions.

MOUNTING MODEL



OPERATION

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

In the pressure switch with blocking and manual reset at maximum pressure, the reset takes place when the pressure is below the value set on differential.

FEATURES

Sensitive element with stainless steel membrane, laser welded.

Metallic frame.

Cover in shockproof thermoplastic material.

Output connections with PVC cable gland.

Female connection G 1/4 (17 mm key).

Maximum temperature of the controlled fluid: 120 °C.

Pressure switch body admissible temperature: -35 ÷ 60°C.

Storage and transport temperature: -35 ÷ 60°C.

Unit weight: 0,43 Kg B12AN.

Unit weight: 0,44 Kg B12BN.

ACCESSORIES



303298LA

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



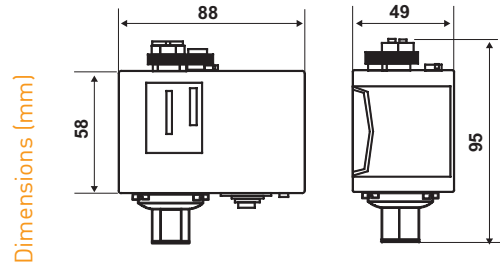
2593367

Protection casing IP44.

B12CN - B12DN - B12EN

Pressure switches up to 28 bar
with adjustable differential

Pressure switches for control and regulation of all fluids and non-explosive gases. Suitable for compression plants, boilers, tanks, autoclaves, ventilation plants, lubrication plants.

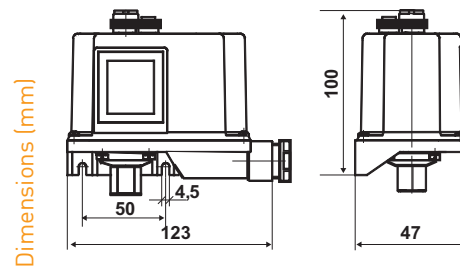


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B12CN	-0,2 ÷ 8	0,6 ÷ 3	9	female	IP40	in stock
B12DN	5 ÷ 16	1 ÷ 3,5	18	female	IP40	in stock
B12EN	8 ÷ 28	2 ÷ 6	32	female	IP40	in stock
B12CRN	-0,2 ÷ 8	0,6 ÷ 3	9	SAE	IP40	in stock
B12ERN	8 ÷ 28	2 ÷ 6	32	SAE	IP40	in stock
B12CN4	-0,2 ÷ 8	0,6 ÷ 3	9	male	IP40	on request
B12DN4	5 ÷ 16	1 ÷ 3,5	18	male	IP40	on request

WITH BLOCKING AND MANUAL RESET

B12CMN	1 ÷ 8	0,6 ÷ 3	9	female	IP40	on request
B12DMN	5 ÷ 16	1 ÷ 3,5	18	female	IP40	on request
B12EMN	8 ÷ 28	2 ÷ 6	32	female	IP40	on request

WATERPROOF CASING EXECUTION

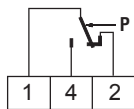


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B12CNY	-0,2 ÷ 8	0,6 ÷ 3	9	female	IP65	in stock
B12DNY	5 ÷ 16	1 ÷ 3,5	18	female	IP65	in stock
B12ENY	8 ÷ 28	2 ÷ 6	32	female	IP65	in stock
B12CRNY	-0,2 ÷ 8	0,6 ÷ 3	9	SAE	IP65	in stock
B12ERNY	8 ÷ 28	2 ÷ 6	32	SAE	IP65	in stock

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

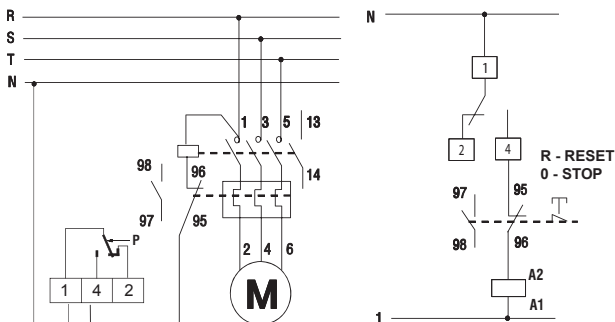
ELECTRICAL FEATURES

Snap action SPDT microswitch, contacts in AgCdO.



Nominal insulation tension	Ui 415V~	
Continuous duty nominal current	Ith 16A	
Operating nominal current Ie	220V-	380/415V~
Resistive load	AC-1	- 16A
Inductive load	AC-3	- 6A
Continuous current	DC-13	0,2A -

EXAMPLE OF ELECTRICAL WIRING



HOMOLOGATION AND STANDARDS

Complies with EN 60947-1 and 60947-5-1 standards.

0497

INSTALLATION

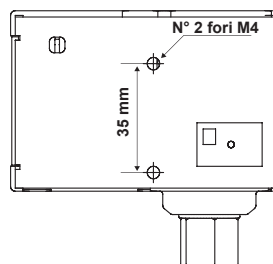
Direct installation on the pipe.

Pressure element connection G 1/4.

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.

Possibility of mounting on metallic clamp, except for the waterproof casing versions.

MOUNTING MODEL



OPERATION

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

In the pressure switch with blocking and manual reset at maximum pressure, the reset takes place when the pressure is below the value set on differential.

FEATURES

Sensitive element with stainless steel membrane, laser welded.

Metallic frame.

Cover in shockproof thermoplastic material.

Output connections with PVC cable gland.

Fixed differential.

Female connection G 1/4 (17 mm key).

Maximum temperature of the controlled fluid: 120 °C.

Pressure switch body admissible temperature: -35 ÷ 60°C.

Storage and transport temperature: -35 ÷ 60°C.

Unit weight: 0,43 Kg B12AN.

Unit weight: 0,44 Kg B12BN.

ACCESSORIES



303298LA

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



2593367

Protection casing IP44.

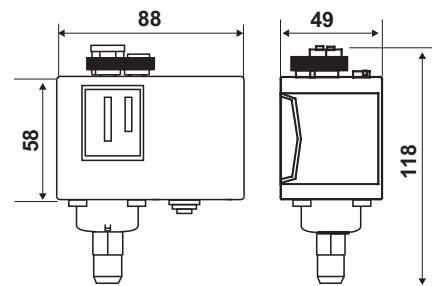
B13

Pressure switches up to 10 bar with low adjustable differential

Pressostats with low differential for control and regulation of air compressors, autoclaves, water insulation and tanks in general, where a minimum difference between ON and OFF is required.



Dimensions (mm)

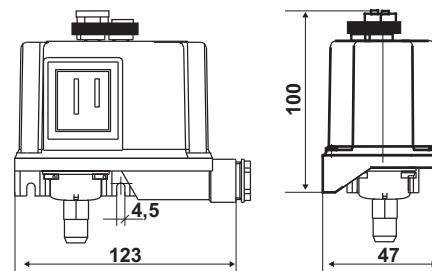


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B13BN	0,3 ÷ 4	0,1 ÷ 0,5	6	male	IP40	in stock
B13CN	1 ÷ 10	0,3 ÷ 1,5	16	male	IP40	in stock

WATERPROOF CASING EXECUTION



Dimensions (mm)

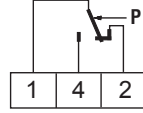


	Range bar	Differential* bar	Sensitive element max. pressure bar	Connection G 1/4	Protection degree	Availability
B13BNY	0,3 ÷ 4	0,1 ÷ 0,5	6	male	IP65	in stock
B13CNY	1 ÷ 10	0,3 ÷ 1,5	16	male	IP65	in stock

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

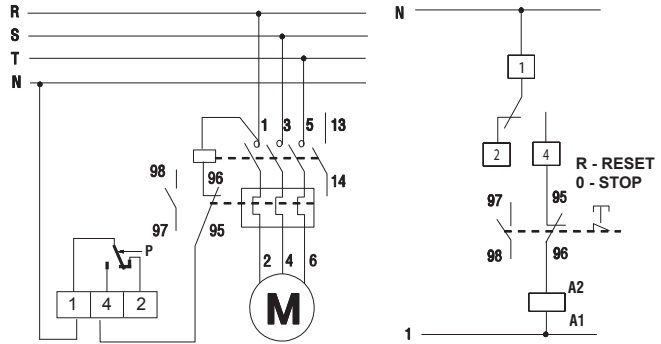
ELECTRICAL FEATURES

Snap action SPDT microswitch contacts in AgCdO.



Nominal insulation tension	Ui	415V~
Continuous duty nominal current	Ith	16A
Operating nominal current Ie		220V- 380/415V~
Resistive load	AC-1	- 16A
Inductive load	AC-3	- 6A
Continuous current	DC-13	0,2A -

EXAMPLE OF ELECTRICAL WIRING



HOMOLOGATION AND STANDARDS

Complies with EN 60947-1 and 60947-5-1 standards.

CE 0497

INSTALLATION

Direct installation on the pipe.
Pressure element connection G 1/4.

OPERATION

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

FEATURES

- Adjustable differential.
- Metallic bellows sensing element, not suitable for corrosive liquids that affect copper alloys.
- Metallic frame.
- Cover in shockproof thermoplastic material.
- Output connections with PVC cable gland.
- Maximum temperature of the controlled fluid: 100°C.
- Pressure switch body admissible temperature: -35÷60°C.
- Storage and transport temperature: -35÷60°C.
- Unit weight 0,38 Kg B13BN.
- Unit weight 0,39 Kg B13CN.

ACCESSORIES



cod. 303298LA
G1/2 cable gland in V0 self-extinguishing, shockproof thermoplastic material for output connections.