

# PRESSOSTATS FOR PRESSURE CONTROL UP TO 300 bar

B



## USE

- Pressostats for control and regulation of all fluids and gases except the propellant type.
- Suitable for compression plants, boilers, tanks, autoclaves, ventilation plants, lubrication plants and in general whenever a pressure up to 300 bar must be controlled .
- If used as control pressostats verify that max. pressure does not exceed max. sensitive element pressure. (See table)

## INSTALLATION AND OPERATION

- Stainless steel sensing element membrane.
- Adjustable differential.
- Male G ¼" connection (17mm. key).

## TECHNICAL FEATURES

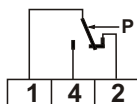
- Metallic frame.
- Cover in antishock thermoplastic material .
- PVC grommet for cable entry.

## HOMOLOGATION AND STANDARDS

- Complies with CEI EN60947-5-1 standards

## ELECTRICAL FEATURES

- Snap action SPDT microswitch, contacts in silver alloy.
- When pressure rises: 1-2 opens 1-4 closes



Nominal insulation	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 nominal current	DC-13	0.2A	-



TYPE	RANGE bar	Differential bar *	Max. sensitive element pressure bar	Max. fluid temperature °C ♦	Maximum pressostat body temperature °C ●	Protection	Weight each Kg	Box pcs. No
<b>B12FN</b>	12 to 50	6 to 15	60	80	-35 to 60	IP 40	0.47	
<b>B12GN</b>	25 to 150	12 to 40	180	80	-35 to 60	IP 40	0.47	
<b>B12HN</b>	60 to 300	40 to 80	350	80	-35 to 60	IP 40	0.46	

- \* The differential must be deducted from the range value.
- ♦ In the case of fluid temperatures higher than the maximum allowed, connect a metallic spiral between the pressure switch and the pipe to facilitate heat dispersion.
- **N.B.** Transport and storage temperatures are equivalent to the max. allowable pressostat body temperature

1bar = 100KPa

## ACCESSORIES

- G ½" cable gland in V0 self-extinguishing, antishock, thermoplastic material.....code **303298L**

## OTHER STANDARD EXECUTIONS

- Weatherproof casing IP65 (see page B...Y)..... **B12..Y**

## SPECIAL EXECUTIONS ( for large quantities, ask for offer)

- Male G ¼" connection ..... **B12..4**
- With shutdown and manual reset with max. accuracy ( see page B..Y)..... **B12..M**

