

PRESSOSTATS FOR PRESSURE CONTROL UP TO 28 bar



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 .
- 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.
- Female G ¼" connection (17mm. key).
- Execution for refrigerant fluids with 1/4"SAE connection

TECHNICAL FEATURES

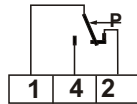
- Metallic frame.
- Cover in antishock thermoplastic material .
- PVC grommet for cable entry.

HOMOLOGATION AND STANDARDS

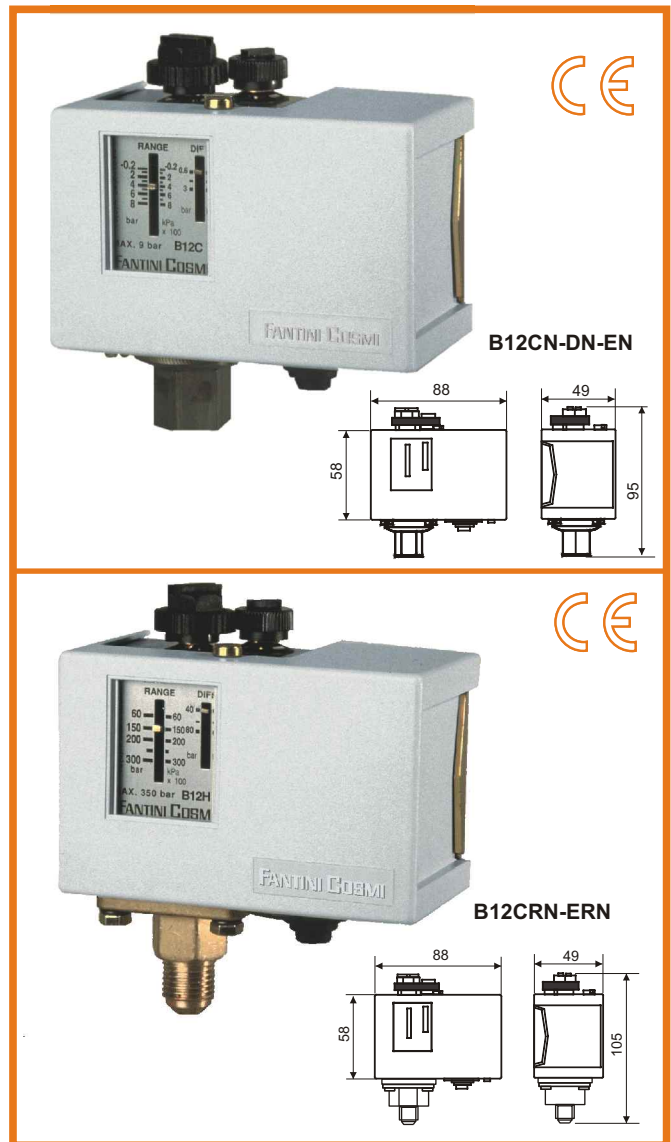
- Complies with CEI EN60947-5-1 standards

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 | Differential | Max. sensitive element pressure bar | Max. fluid temperature °C | Maximum pressostat body temperature °C | Protection | Weight each Kg | Box pcs. No |
|--------------|-----------|--------------|-------------------------------------|---------------------------|--|------------|----------------|-------------|
| | bar | bar * | | | | | | |
| B12CN | -0,2 to 8 | 0,6 to 3 | 9 | 120 | -35 to 60 | IP 40 | 0.37 | |
| B12DN | 5 to 16 | 1 to 3,5 | 18 | 120 | -35 to 60 | IP 40 | 0.38 | |
| B12EN | 8 to 28 | 2 to 6 | 32 | 120 | -35 to 60 | IP 40 | 0.38 | |

EXECUTION FOR REFRIGERANT FLUIDS - 1/4" SAE CONNECTION

| | | | | | | | | |
|---------------|-----------|----------|----|-----|-----------|-------|------|--|
| B12CRN | -0,2 to 8 | 0,6 to 3 | 9 | 120 | -35 to 60 | IP 40 | 0.38 | |
| B12ERN | 8 to 28 | 2 to 6 | 32 | 120 | -35 to 60 | IP 40 | 0.38 | |

* 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 materialcode 303298L

OTHER STANDARD EXECUTIONS

-Weatherproof casin 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

EXAMPLE: ELECTRICAL WIRING

