

APPLICATION AND USE

BD297 pressure controllers are used in air conditioning and ther-moventilation plants to control differential pressure in filters, coils and fans.

MANUFACTURING CHARACTERISTICS

Two positions electromechanic controllers with silver contacts and pressure connections Ø 6mm for flexible PVC pipe (push fitting).

TECHNICAL CHARACTERISTICS

Pressure max:	10kPa
Pressure range:	40...400Pa
Differential pressure:	10Pa
Allowed fluids:	air and non-aggressive gas
Electrical ratings:	max 1,5A resistive @ 250V max 0.4A inductive @ 250V
Protection degree:	IP54 (with cover) IP00 (without cover)
Mounting:	wall mounting - equipped with PVC flexible pipe for connection (length 1,5m)
Material:	
- housing:	ABS
- duct connectors:	ABS
- membrane:	Silicone
- cable sleeve:	PVC
Weight:	0,15Kg (0,35Kg with flexible pipe)
Connections:	
- electrical connections:	3 blades 6,3x0,8mm
- housing sheath:	4,5 ÷ 9mm
- pressure connections:	Ø 6mm, male
Room temperature limits:	
- operating:	-20T85°C
- storage:	-40T85°C
Voltage against earth:	250Vac max.

Product complies with Low Voltage Directive (73/23/CEE).

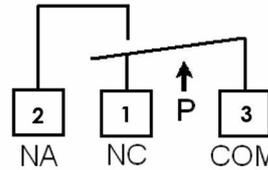
INSTALLATION

BD297 pressure controller is factory-calibrated for vertical position. If installed horizontally, this will affect the switching point as follows:

- with cover facing upwards, switching point is 15 Pa higher than scale;
- with cover facing downwards, switching point is 15 Pa lower than scale.

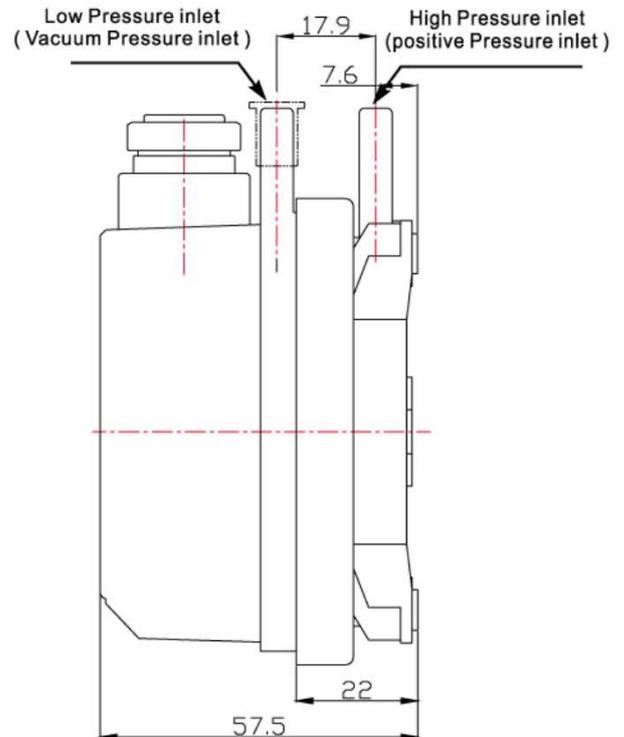


CONNECTIONS



If differential pressure increases:
3 - 1 open
3 - 2 closed

DIMENSIONS [mm]



The performances stated in this sheet can be modified without any prior notice

Controlli S.p.A.
16010 Sant'Olcese (GE)
Tel. 010 73 06 1
Fax. 010 73 06 870/871
www.controlli.eu