

PRESSURE TRANSMITTERS

"Piezoresistive Pressure Sensor – 22 mm Body Diameter"



- Piezoresistive pressure sensor
- High sensitivity
- 22 mm body diameter
- Stainless steel case
- EMC and reverse polarity protection
- Analog output: 4...20mA or 0...10VDC
- 100 mBar to 600 Bar

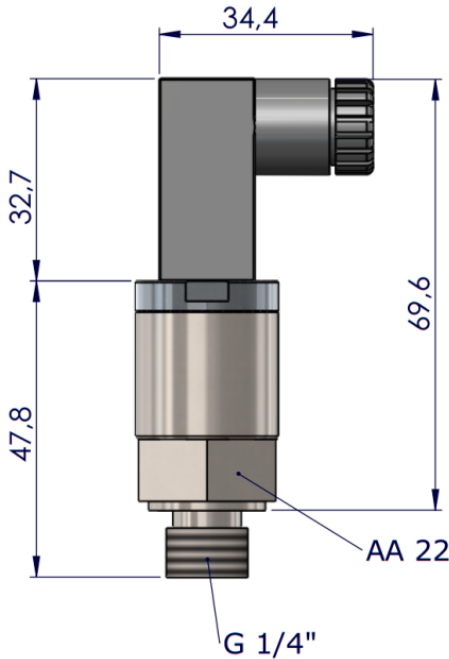
Applications

- Pneumatic Systems
- Hydraulic Systems
- Machines Equipments
- Air Cooling – Heating Systems
- Water Technologies
- Automation Applications

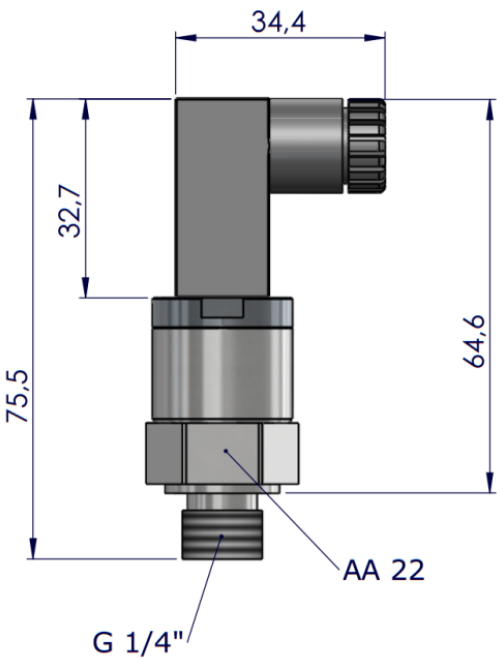
BCT Technical Specifications

Pressure Range	100 mBar to 600 Bar
Output Signal	4...20mA (2 Wires) , 0...10VDC (3 Wires) Please ask for others
Mechanical Connection	G1, G1/2, G1/4
Power Supply	4-20 mA: 12 ... 30 V _{DC} 0-10 V: 14 ... 30 V _{DC}
Resolution	%0,5
Protection Class	IP65
Operating Temperature	-20°C to +85°C
Body Material	Stainless steel, Brass
Weight	70 grams

Mechanical Measurements (Between 100 milibar and 1 Bar)



Mechanical Measurements (Between 1 Bar and 600 Bar)



Order Code

Model

BCT 22

Output Signal

V : 0-10 VDC Analog Voltage
A : 4-20 mA Analog Current
V3 : 0,5....4,5 VDC Analog Voltage
* Please ask for others

Electrical Connection

S : DIN43650 Female Socket
1M : 1 Metre Cable
2M : 2 Metre Cable
* Please ask for others

Pressure

100mB : 100 Milibar
16B : 16 Bar
600B : 600 Bar
* Between 100 milibar to 600 Bar

Mechanical Connection

G1/4 : G1/4 Connection
G1 : G1 Connection
G1/2 : G1/2 Connection
* Please ask for other mechanical connections

BCT 22

16B

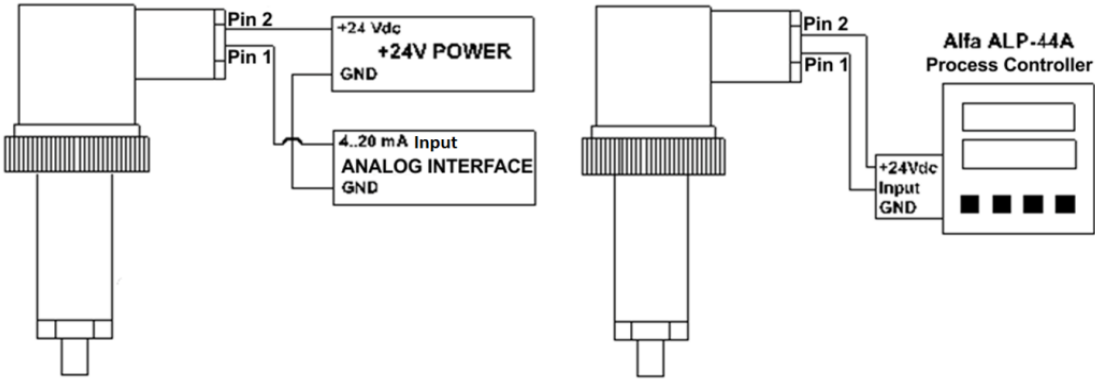
V

G1/4

S

Pin No 2 Wires 4-20mA Connection	Signal
1	4...20mA Analog Output
2	+12...30 VDC (Supply)

Sample Connection:



Pin No 3 Wires 0-10VDC Connection	Signal
1	GND
2	+12...30 VDC (Supply)
3	0...10VDC Analog Output

Sample Connection:

