



- Piezoresistive pressure sensor
- 24 mm body diameter
- Long-term excellent work
- Stainless steel case
- EMC and reverse polarity protection
- 4...20mA analog output

Applications

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

ATEK BLT 22 series Pressure transmitters offer high performance for demanding commercial and heavy industry applications.

Our products with piezoresistive working principle can be used in water, air, oil etc. applications.

The standard stainless steel housing with IP65 protection can work in harsh environments.

The BLT 22 series, which is not affected by electrical fluctuations and reverse connections due to over voltage and reverse polarity protection, has a long life.

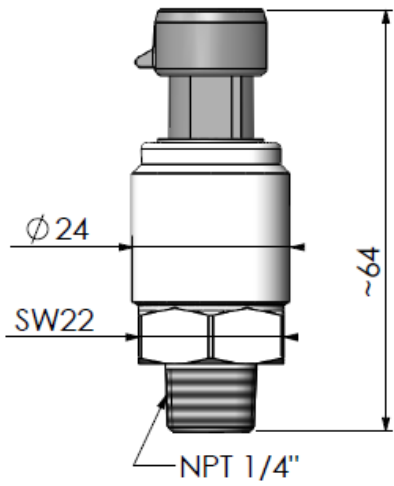
TECHNICAL SPECIFICATIONS

Measurement Range	0...10Bar ve 0...16Bar
Measurement Type	Ambient pressure measurement as relative Air, Water, Oil, Non-explosive gases
Working Principle	Piezoresistive
Maximum Compressive Strength	200%F.S. *Can be 3 or 5 times.
Oring – Sealing	Standard NBR, optional FKM(Viton) or EPDM
Output Signal	4...20mA (2-wire)
Load	250Ω
Mechanical Connection	G1/4, NPT1/4
Supply Voltage	8 ... 32 V _{DC}
Operating Current	Maximum 30mA
Accuracy	±%0,5 T.S @25° C
Long Term Stability	±%0,3 T.S/ year
Response Time	1ms %10...%90 nominal pressure
Protection Class	IP65
Operating Temperature	-40°C ... +85°C
Ambient Temperature	-40°C ... +85°C
Body	Stainless steel body - 1.4305 (AISI303)
Electrical Connection	Models with connector: DIN43650-A, DIN43650-C, M12 or 3 x 0.14mm ² PVC cable (optional PUR cable)
Mounting / Tightening Torque	15 ... 20 Nm

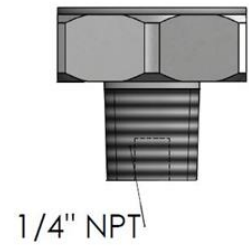
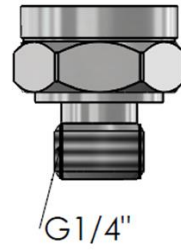
F.S : Full Scale (working pressure range)

* Product life will be shortened when more pressure is given than working pressure
According to the product, it may be damaged at high pressure of 3-5 times

MECHANICAL DIMENSIONS (mm)



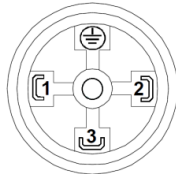
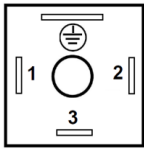
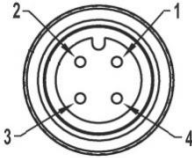
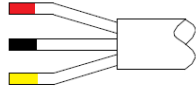
MECHANICAL CONNECTION OPTIONS



* Key slot is 22mm.

** Do not turn the product by holding from socket during installation. Otherwise, the product may be damaged.

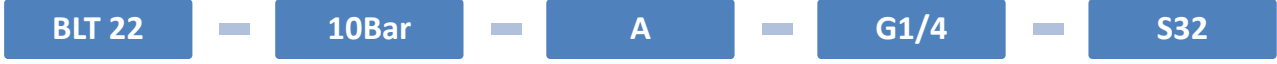
ELECTRICAL CONNECTIONS

						
		DIN D43650-A	DIN D43650-C	M12	CABLE	
		S30	S31	S12 S15	COLOR	
		PIN NO	PIN NO	PIN NO		
CURRENT OUTPUT	+Vcc	2	2	2	1	RED
	Analogue Output	1	1	1	3	BLACK

* There are PVC (standard) or PUR (optional) cable options in the model with cable.

ORDER CODING

Model



Output Signal

A : 4-20mA (2-wire) (standard)

Electrical Connection

S30 : DIN43650-A type large type conn.
S31 : DIN43650-C type small type conn.
S12 : M12x1 4 pin (2 supply 1 out)
S15 : M12x1 4 pin (1 supply 3 out)
2M : 2 meters cable

Working Pressure Range

10Bar : 0...10BAR
16Bar : 0...16BAR

Mechanical Connection

G1/4 : G1/4 connection
NPT1/4 : NPT1/4 connection

Sample Code :

BLT 22 10Bar A NPT1/4 S30

Features : 0...10bar working range , 4-20mA analogue output (2 wire connection), NPT1/4 connection, DIN43650-A connector, stainless 303 body

BY-PRODUCTS

BSS Series Pressure Transmitter Coolers

[Max. 250 °C](#)

EPA Series Measurement and Control Devices

[48x48mm model EPA 100](#)

[74x74mm model EPA 200](#)

[96x48mm model EPA 300](#)



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