

FLUSH DIAPHRAGM PRESSURE TRANSMITTER

BT10-214SB

“Flush Pressure Transmitter, Suitable for Hygienic Applications”



- Diffused silicon sensor with 316 SUS stainless steel diaphragm
- Various pressure range options from -1 bar to 160 bar
- Stainless steel housing
- High accuracy and stability
- Strong anti-interference design
- Remote transmission capability
- Suitable for hygienic applications
- IP65 protection rating

The BT10-214SB series pressure transmitters feature a diffused silicon diaphragm and a stainless steel housing. With high stability and reliability, the BT10-214SB series is suitable for remote pressure measurement and transmission applications.

Thanks to its strong resistance to electromagnetic interference and high shock resistance, it is widely used in pneumatic and hydraulic systems, environmental protection applications, medical equipment, and various industrial applications.

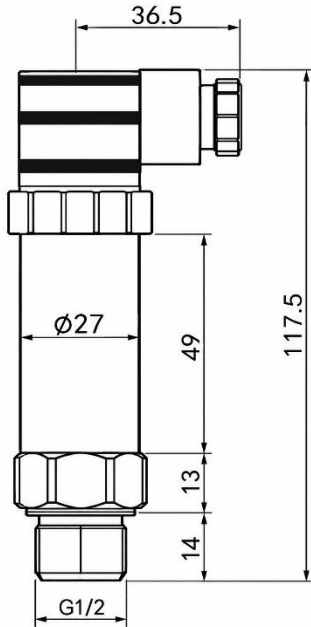
APPLICATIONS

- | | |
|---|---|
| <ul style="list-style-type: none">• Pneumatic Systems• Hydraulic Systems• Pressure Measurement Systems• Industrial Automation• Environmental Protection Systems | <ul style="list-style-type: none">• Medical Systems and Equipment• Process Control Systems• Industrial Machinery and Equipment• Remote Pressure Monitoring Systems• Compressor and Pump Systems |
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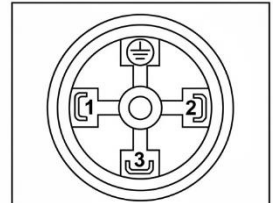
TECHNICAL SPECIFICATIONS

Pressure Range	Various options from -1 bar to 160 bar
Pressure Reference	Relative Pressure, Absolute Pressure
Output Signal	4...20 mA
Supply Voltage	12...30 V _{DC}
Accuracy	%0.5FS, %0.25FS
Stability	≤%0.1/year
Overload Capacity	%150FS
Mechanical Connection	G1/2
Electrical Connection	DIN43650 Connector
Operating Temperature	-30...+80 °C
Ambient Temperature	-40 °C ... +150 °C
Relative Humidity	%0~90
Protection Class	IP65

MECHANICAL DIMENSIONS (mm)



ELECTRICAL CONNECTIONS



DIN 43650

	PİN NO
+Vcc (12-30VDC)	1
Analog Çıkış (4-20mA)	2

ORDER CODE

Model

BT10-214SB

1B

Pressure Range

Different options from
-1Bar bar to 160 Bar

Output Signal

A : 4-20mA

A

G1/2

Mechanical Connection

G1/2 : G1/2

Note: Products are supplied as **Gauge** type by default. If **Absolute** types are required, this must be specified at the time of order.