BDP 0101

Differential Pressure Controller
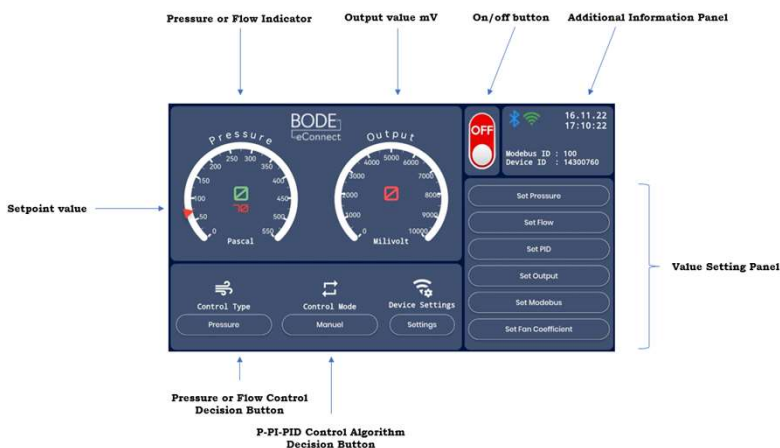
BODE
Integrated Design Solutions

Technical Data

Measuring medium:	Air, N2, O2, non-condensing
Range:	0..512 Pa
Sensitivity:	± 1 Pa
Connection:	Modbus RTU, Wifi, Bluetooth, IOT
Digital Input:	Dry contact with setpoint selection at standby mode
Pressure connections:	Tubing 5 mm ø or 6 mm ø
Enclosure:	ABS body, PVC panel
Electrical connections:	cable inlet M16x1.5, screw terminal
Supply voltage:	12..25 Vdc
Output:	2 x (0...10 V) process control and sensor data
Alarm output:	Open Collector, max. 150 mA
Display:	LCD-Display, 2 x16 characters
Mode:	Measuring mode or controlling mode
Controlling algorithm:	Selectable P-PI-PID
Setpoints:	2 setpoints adjustable within software,
Protection class:	IP 54 according EN 60529
Ambient temperature:	-10...50 °C
Storage temperature:	-25...60 °C
Weight:	approx. 250 g
Mounting:	Horizontal
Interference / emission:	according EN IEC 61000-6-2, CE mark

Controller Dimensions (mm) : 105 x 103 x 48.5
Package Dimensions (mm)   : 150 x 200 x 55

Mobile App

- BDP0101 Pressure Flow Controller is an IOT INDUSTRY 4.0 device.

- Bluetooth low energy or wi-fi 802.11 connection is enabled between mobile devices and controller.

- BODE eConnect SCADA SYSTEM is also available for high number of controller sets. (Please contact with your authorized supplier).

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