

## Description

regulators.

The series line of potentiometers are designed for use as a command signal for control pressure

A 10 volt reference is used to provide excitation to the potentiometer. An op-amp measures the output on the wiper of the potentiometer and provides buffering to eliminate external components from affecting the linearity of the potentiometer.

A three wire cord is provided and is attached to the pc board to make necessary power signal and common connections

## Field of application

0-10 V version PPB-U is compatible with all proportional pressure regulators.

4-20 mA version PPB-I is compatible with all pressure regulators of Series PQ and PM.

For all other pressure regulators, e.g Series PP, PR, PRE, a setpoint of 4.1 ... 18.5 mA is generated.

## Measuring range

0 ... 999

## Supply voltage

15 - 24 V DC

## Current consumption

max. 30 mA

## Linearity/Hysteresis

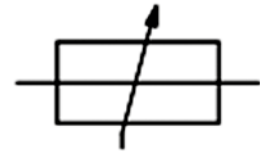
± 0.25% FS

## Mounting position

any

## Temperature range

0 °C to 70 °C / 32 °F to 158 °F



with 10-turn-potentiometer

## Dimensions

F H G  
mm mm mm

## Output

signal  
V / mA

## Order

number



## Setpoint Potentiometer

supply voltage 15 - 24 V DC

## PPB

85 55 40

0-10 V

PPB-U

85 55 40

4-20 mA

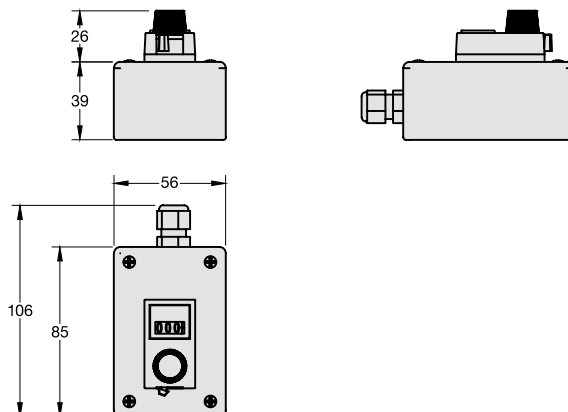
PPB-I



PPB-U



PPB-I



PPB

Pin	Description	3-pin cable
1	voltage supply 24V DC	black
2	analogue setpoint	white
3	supply earth	green

connecting plan

\* Product group



Order example:  
PPB-U

PDF CAD  
www.aircom.net