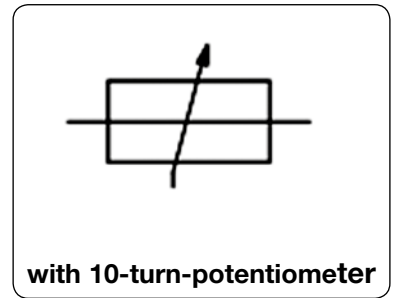


SETPOINT POTENTIOMETER

PPB

Description	The series line of potentiometers are designed for use as a command signal for control valves. 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 valves of Series PQ and PM. For all other valves, 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



Dimensions			Output signal	Order number
F	H	G	V / mA	
mm	mm	mm		

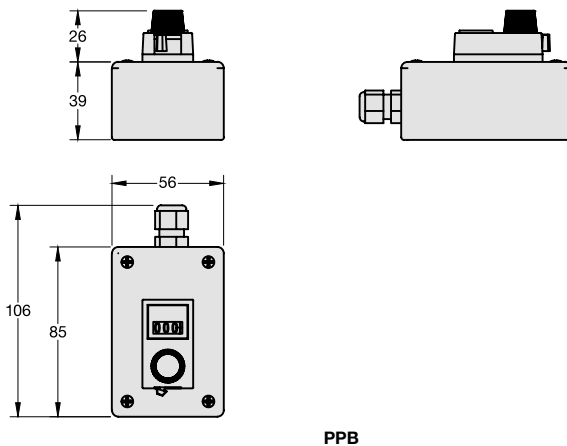
Setpoint Potentiometer			supply voltage 15 - 24 V DC	PPB
85	55	40	0-10 V	PPB-U
85	55	40	4-20 mA	PPB-I



PPB-U



PPB-I



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

connecting plan

