

Process Controller Module

8048IPC



PID-Process Controller Module for digital positioners 8048

- Compact solution for local control tasks
- Suitable for fast control loops as cycle time 50 ms only
- Internal or external setpoint
- Bright LED-display
- Analog process value inputs (also with gauge supply) and Pt100
- Configurable as P-, PI-, PD- and PID-controller
- Protection class IP 65
- Retrofit possible for existing positioners



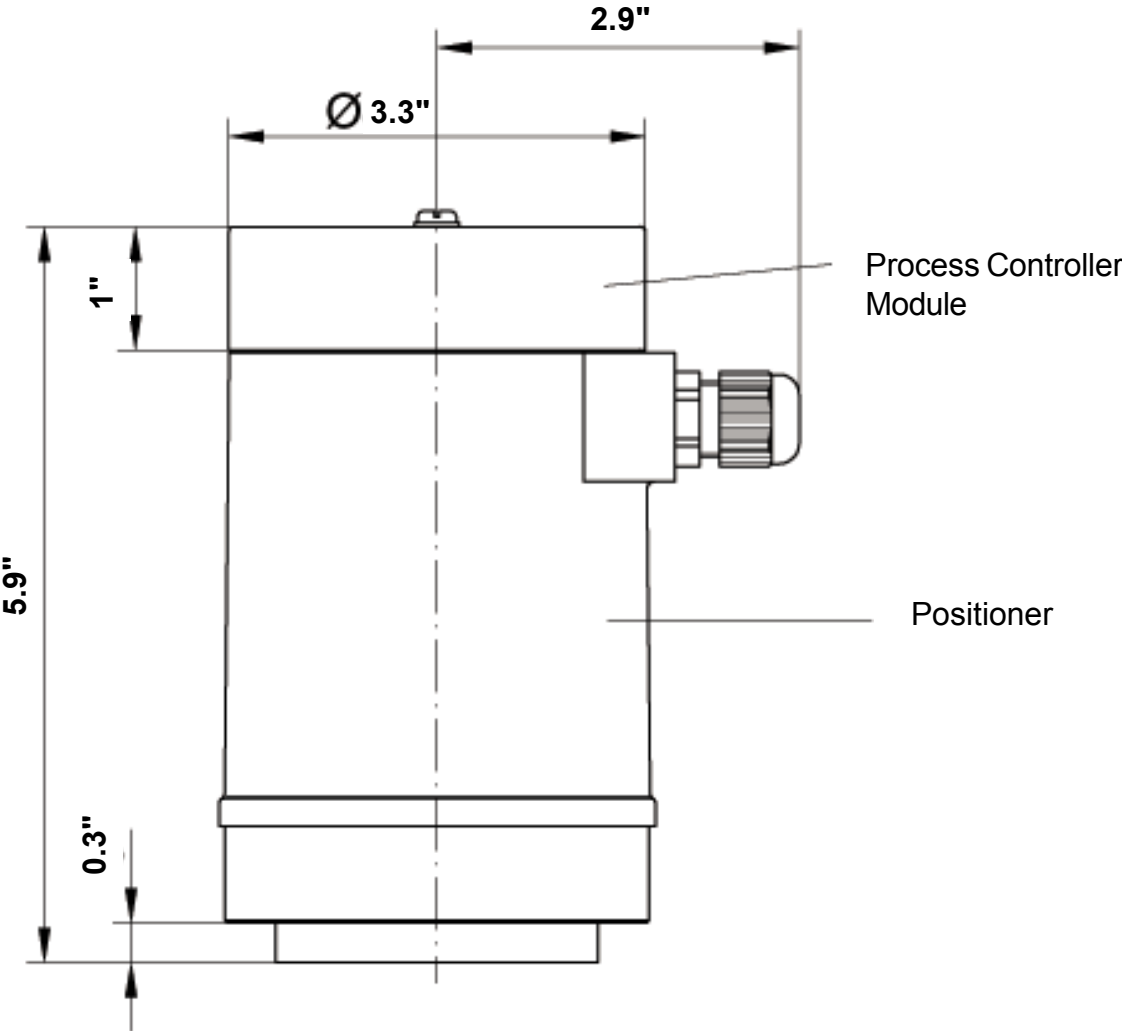
Technical Information

Power supply	24 VDC +/-10%, 350 mA, max. (with positioner)
Cycle rate	50 ms
Process value	Pt100 0/4...20 mA
Set point	locally via keys or 0/4...20 mA, 0/2...10 V
Input filter process value	OFF: 20 ms, (Pt100: 200 ms) ON: 800 ms
Alarm output	absolute direct/inverse, relative direct/inverse, Band direct/inverse
Load for alarm output	max. 48 VAC or DC, max. 150 mA
Control characteristic	P (with operation point y_0), PD (with operation point y_0), PI, PID
Admissible ambient temperature	-4F up to 170°F
Protection class acc. DIN 40050	IP65
Body material	PA 6.6 with glass fibres

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Dimensions



Text and pictures are not binding. We reserve the right to alter the equipment.