

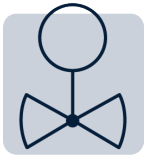
PRECIMETER

Molten metal level control

PXP-2EM

Pin Position Actuator





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The **Pin Position Actuator PXP-2EM** is primarily used to control the flow of molten metal through a stopper and nozzle valve; for instance in ingot/slab casting applications. The PXP-2EM is also prepared with a fail safe emergency closing system.

Vertical drop control with PXP-2EM pin positioner. The Precimeter pin position actuator PXP-2EM connected to the ProH and an MLC control panel form a system which very precisely controls the molten metal level, in for example a tundish or a DC slab casting mould.



Technical Specifications

Stroke Range	0-50 mm (0-2")
Accuracy	±0.15 mm
Positioning	Stepper motor
Power requirement	24 VDC < 1 A
Cooling	Compressed air (1/4" connection)
Interface	Serial communication

PXP-2EM includes a 10 pin industrial heavy duty connector.

ADVANTAGES

- ✓ Emergency closing function
- ✓ Accurate Control
- ✓ Robust Design
- ✓ Easy Installation
- ✓ Minimal Maintenance
- ✓ Flexible Mounting Options
- ✓ Terminal Connection for Parameter Settings
- ✓ Ethernet Protocol (Optional)
- ✓ Pin Rotation (Optional)



For certain applications we recommend the use of a pin rotator.

Operation Signals

Arm/rod position 4-20mA (0-100%)

Load Carriage 24 VDC

Calibration 24 VDC

Feedback Signals

Arm/pin position 4-20mA (0-100%)

Carriage loaded 24 VDC

Internal Temp Output 4-20mA (0-100°C)

Ethernet Protocol Optional (Profinet, Ethernet IP or Modbus TCP)