

PRECIMETER

Molten Metal Level Control

PXP-2(EM)

- Pin Position Actuator



The implementation of Precimeter Technology provides many advantages

- Quality improvements
- Increased productivity
- Documentation of the process
- Raw material savings
- Energy savings
- Better use of manpower

PXP-2(EM)



Vertical drop control with PXP-2 pin positioner. The Precimeter pin position actuator PXP-2 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 mold.

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

Technical Specifications

Stroke:	50 mm (2")
Positioning:	Stepper motor
Power requirement:	18-32 VDC / 1.2 A
Interface:	4-20 mA (or 0-10 VDC or 0-20 mA)
Analog input:	4-20 mA
Digital inputs:	Analog enable / Move pin according to 4-20 mA. Calibrate to close position.
Analog outputs:	4-20 mA feed back signal.

Optional emergency closing - PXP-2EM

Emergency closing:	Electro magnet release
Load carrier/charge magnet:	24 VDC Digital output

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

Contact Precimeter Group

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