AMETEK®
AUTOMATION & PROCESS TECHNOLOGIES

Application	Products Used
Walking Beams	951, 952, 953, 950MD

Problem

In a steel mill after the slab is cut to length, it must be transported to the next section of the mill. This is accomplished with large hydraulic cylinders that lift and move the slab to the side. In the past, mechanical arm switches were used to control the walking beams. Often these switches failed and the slab would not move properly to the next section.

Solution

A rod style LDT in a 950MD housing is installed parallel to the hydraulic cylinder. The LDT monitors the position of each cylinder and reports it directly to the host controls.

Benefits

- Continuous absolute feedback
- Shock and vibration resistant
- LDT reports position directly to PLC
- 950MD protect the LDT from the harsh environment

Conclusion

The absolute continuous analog/digital feedback ensures that the controls know exactly where the cylinder is at, even in the event of power loss.

GEMCO B/W Controls LIQUID LEVEL TECHNOLOGY CATRAC

AppNote.AOR
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