

PCI-100BM

Low cost resolver based brake monitor



OSHA compliant brake monitor

The PCI-100BM brake monitor complies with OSHA 1910.217 with redundant design and is equipped with a rugged industrial resolver to read motion and position feedback.

In addition to standard brake monitoring functions, the CIECO PCI-100BM is unique that it offers additional features beyond brake monitoring that are beneficial to press operation. Check out the standard features below.

Standard Features *model PCI-100BM*

- Brake stop times in milliseconds.
- OSHA compliant – fail safe.
- 90 degree brake stop time test.
- Programmable max stop time with dual relay redundant relay outputs.
- Total hits and batch counter.
- Absolute position and tach display.
- Motion detect – chain break detector.
- Programmable High and Low rpm limits.
- Programmable alarm to alert stop time is approaching max (message only)
- Fault indicator.
- Batch count T-stop output relay.
- Rugged resolver for brake stop motion sensing.
- Exempts User from Weekly Inspection Requirements of OSHA 1910.217e .
- Keypad interface with LCD and real English fault messages.
- Supervisor code and Supervisor key switch input.
- 8"x6"x6" NEMA enclosure.

Optional Features

- Two programmable limit switch outputs
- Speed compensated PLS output
- Spare output for Brake Alarms
- 24VDC solenoid monitor input (standard is 120VAC)

Ordering:

PCI-100BM base package in 8x6x6 box

OR

PCI-100BML base package loose without box (panel mount keypad)

Required accessories:

- ✓ HD13, Resolver (for position and motion feedback)
- ✓ CR-6S-20, 20' resolver cable (*replace the 20 with length in feet if greater than 20' is required*)

Options:

- 24VDC Press running input (standard 110VAC)
- L Two programmable Limit Switch (PLS) outputs *
- S Speed compensated PLS outputs
- A Extra output for brake alarms *

**these options cannot be ordered together*



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