

ACOUSTIC FLOW MONITOR



CONFIRM PROPER COAL FLOW ABOVE FEEDER



MERRICK ACOUSTIC FLOW MONITOR

STANDARD FEATURES

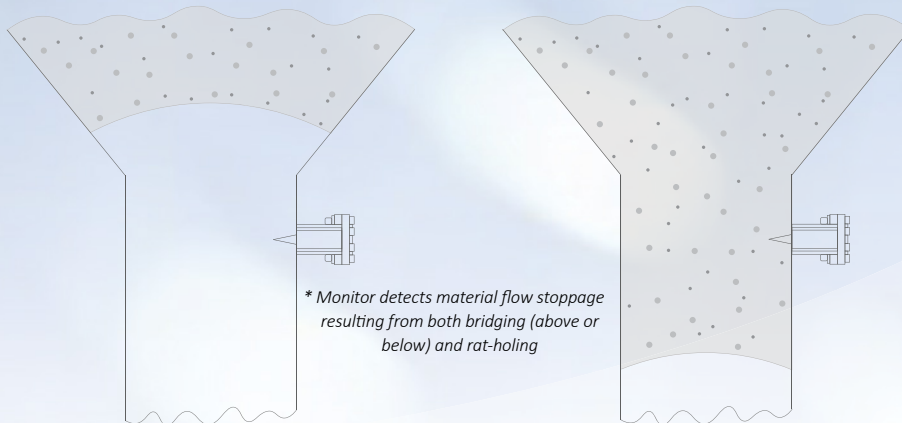
DETECTOR PROBE

- Mounts in chute or valve above coal feeder
- Stainless steel alloy tip and body
- Internal pre-amplification circuitry
- Easily removed for maintenance
- Quick disconnect cable



CONTROL UNIT

- Wall mount in convenient location
- LED indication of alarm status
- Includes electronics, and alarm relay
- Adjustment and calibration accomplished at control unit



CUSTOMER BENEFITS

- Confirm proper coal flow to feeder
- Assure NFPA 85 requirements
- Prevent bunker fires
- Replaces nuclear technology

SPECIFICATIONS

TYPE

- Acoustic material motion detector

SIZE

- Detector: 7½" (191 mm) dia. flange x 9" (229mm) long
- Control unit: 8" x 11" x 4" (203mm x 279mm x 102mm)
- Control unit suitable for wall mount
- Bottom cable entry, front door access

SENSITIVITY

- 40dB - 80dB

POWER REQUIREMENT

- 110V, 220V A/C 50/60 HZ 1 PH
- 4A @ 110 VAC typical

AMBIENT REQUIREMENTS

- Detector: -20° C to 60° C
- Control unit: -20° C to 55° C
- Indoor (standard) / outdoor (optional)

OUTPUTS

- NO/NC relay: For no flow
- Contact existing 220V, 2A, 60W
- LED visual indication of relay status
- Adjustable alarm time delay: 5 - 60 seconds

FAMILY OF
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