



AMR **PEMCO**

PROVEN PARTNER IN TECHNOLOGY

WWW.AMRPEMCO.COM

Corporate Overview



- AMR PEMCO and sister companies operate to provide electronic monitoring, controls, communications, tracking, and collision avoidance systems as well as industrial buildings, circuit breakers, dry-type transformers, and automation integration.
- Markets served include global mining, aggregates, tunneling, power generation, utilities, transit, nuclear, water/wastewater, and general industry.
- Primary sales in the U.S., Canada, Mexico, India, South Africa, and South America with sales in many other countries around the world.

AMR est. 1975



PEMCO est. 1960 - Acquired in 2016



ERM est. 1979



CMS est. 1995



Delivering Projects Worldwide



Codes and Certifications



American Welding Society



Experience With Popular Brands



GE Infrastructure
Water & Process Technologies



Clients and Customers



NORTHROP GRUMMAN

Balfour Beatty



TMEiC



**Rockwell
Automation**



Core Capabilities



- Industrial & control buildings (ICB) and equipment enclosures including HVAC systems and design, installation and integration of all types of electrical equipment
- Complete skid mounted systems including switchgear, AC & DC Drives, transformers and control systems
- Complete skid mounted power centers and substations for harsh duty applications
- Custom designed dry type transformers up to 4 MVA and 25kV class.
- Specialty magnetics for custom applications including reactors, inductors, and rectifier duty transformers
- UL and CSA certified control panels with custom enclosure design and fabrication
- 3D modeling capabilities for all enclosures and bus assemblies.
- Electrical, mechanical, and transformer engineering



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BATTERY INDICATORS

BI-800 LOW VOLTAGE



The BI-800 was developed by AMR PEMCO for the mining industry to satisfy the West Virginia Office of Miners' Health and Safety's laws that require this type of equipment. It is extremely easy to install and does not require a field modification of any explosion proof electrical enclosures.

Features

- Indicates low battery by blinking headlights every 15 seconds. Does not shut down the machine.
- Can be tested by pressing the test switch.
- Mounted with self-contained cable ties.
- Solid state protection for reverse polarity; fuse protected for over voltage.
- Factory set so that calibration adjustments are not needed for installation. However, it can be field adjusted to compensate for battery aging



BI-800 LOW VOLTAGE SPECIFICATIONS



Operating Voltages: 24, 36, 48, 64, 96, 120 or 128 VDC

Backup Battery: No

Inputs: Hardwired to Battery Circuit

Outputs: Wires into vehicle lights or control circuit and breaks signal every 15 seconds
Optional Sonalert Audible Beep Indicator

Display: No

Remote Monitoring: No

Self Test Feature: Yes

Other Notes: Adjustable Sensitivity

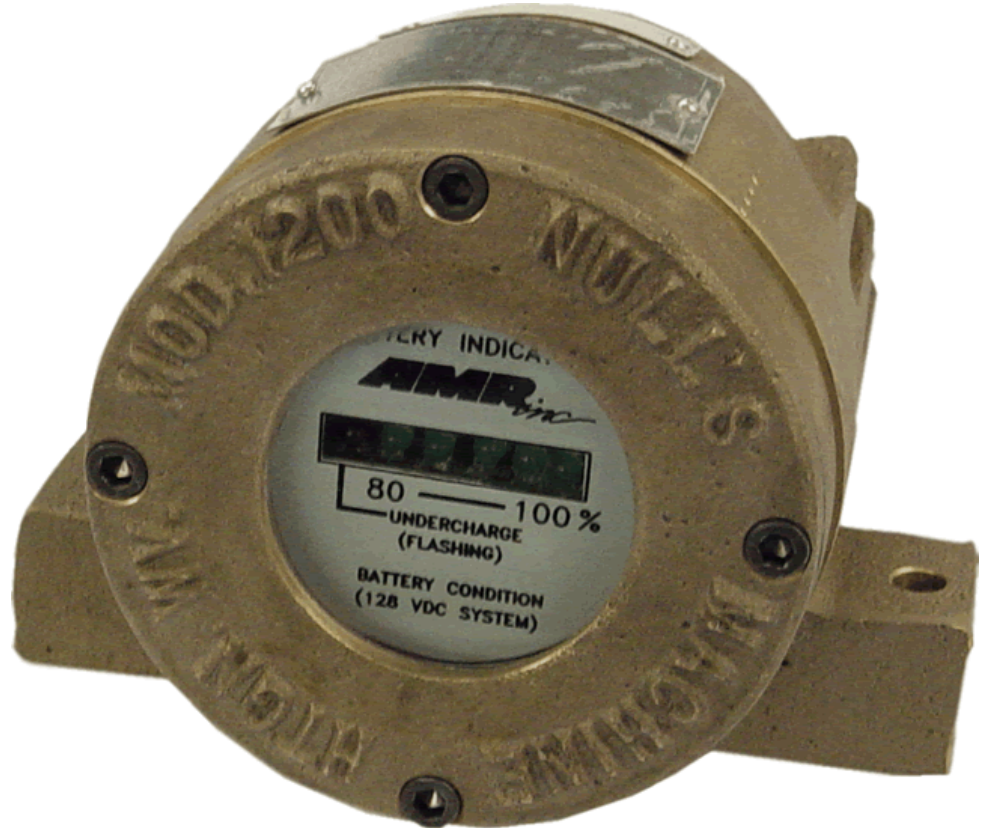
BI-850 EXPLOSION PROOF



The AMR PEMCO BI-850, Explosion Proof Battery Indicator keeps watch on your expensive machine batteries. The BI-850 will extend the life of your machine's batteries, and reduce production downtime due to failing equipment. It is housed in a rugged XP enclosure, and is intended for machine mount.

Features:

- MSHA-approved EXP Enclosure.
- Smooth indication – Not just a voltage meter.
- Easy to install: Mount the weld plate and connect the two wires.
- Red LED begins to flash less than 80% capacity.



BI-850 EXPLOSION PROOF SPECIFICATIONS



Certifications: MSHA

Backup Battery: No

Inputs: 2-wire, direct connection to Battery

Outputs: None

Display: 4 Green and 1 Red LED for battery level indication, 80-100%

Remote Monitoring: No

Other Notes: Machine Mountable with 5" x 5.5" Weld Plate



For more information please contact us at:

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