



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



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



CABLE FAULT DETECTORS

CD-710



The CD-710 Cable Fault Detector is a portable system for easy identification of opens or shorts in exposed cable runs.

- Features and Benefits
 - Saves replacement cable.
 - Pinpoints problem in minutes without replacing or further damaging the cable.
 - Find opens and shorts in AC & DC trailing cable.
 - Transmitter output protected, harmless to operator.
 - Color-coded alligator clips enable quick connection to cable plug when fault occurs.
 - LED indicators on detector for better visibility underground.
 - A mounting bracket is located on the side of the transmitter for detector storage.
 - The detector can be locked to the transmitter.
 - 18 gauge stainless steel enclosure.
 - Finds opens above 350 ohms, shorts below 1000 ohms, without ground monitor filter installed at load end.
 - Finds opens above 1500 ohms, shorts below 350 ohms, with ground monitor filter installed at load end.



Transmitter Specifications



Enclosure Dimensions:	11-3/4"L x 6-1/4"W x 3-3/8"H (298.45 mm x 158.75 x 85.73)
Enclosure Type:	18 gauge Stainless Steel
Unit Weight:	7 lbs (3.18 kg)
Operating Voltage:	120 VAC
Backup Battery:	No
Max Output Current:	300 mA RMS
Max Output Voltage:	8.5 VAC
Operating Temperature:	-10 to 60 C
Outputs:	3 Conductor leads, 1 Ground lead, 1 Pilot Wire lead
Output Frequency:	1.2 Khz (+/-2%)
Display:	LED Indicators
Self Test Feature:	Yes
Warranty:	180 Days

Detector Specifications



Enclosure Dimensions: 4-3/4" L x 2-5/8" W x 2-1/4" D
(120.65 mm x 66.68 x 57.15)

Enclosure Type: Molded ABS plastic with 18 gauge Stainless Steel

Unit Weight: 16 oz. (453.59 g)

Operating Voltage: 9 VDC Battery

Max Output Current: 50 mA

Max Output Voltage: 2.5 VDC

Operating Temperature: -10 to 60 C

Output Frequency: 1.2 Khz (+/-2%)

Display: LED Indicators



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