

# L-1200 SERIES

## SINGLE CHANNEL SHELF MOUNT DETECTOR



- Back-lit LCD screen displays complete detector status and function settings:
  - Eliminates guess work and provides critical information necessary for proper detector setup.
  - Provides accurate, direct visual feedback of channel frequency and sensitivity settings.
  - Allows easy access to built-in detector diagnostic features.
- *TrueCount* versions provide 97% to 99% count accuracy when used with either a single long loop or multiple 6' x 6' loops connected together.
- Audible detect signal (buzzer) facilitates loop and / or detector troubleshooting.
- Upgrades or addition of user specific options are easily accomplished by changing the socket mounted processor.
- Push button programming ensures long term reliability by eliminating switch contacts.
- All programmed detector parameters are stored in non-volatile memory.

### Overview:

The Model L-1200 series consists of detectors designed to meet or exceed NEMA Standards TS 1-1989. The L-1200 detector is a single channel, shelf mount type loop detector with detect and loop fail indications provided via a high intensity red LED and an easy to read LCD screen. All detector settings and parameters are configured using a set of three pushbuttons and the LCD screen. The L-1200 offers advanced features providing built-in diagnostic capabilities all of which are viewable by means of the LCD screen. These include: 1.) real-time loop frequency, 2.) loop inductance and  $-\Delta L/L\%$ , 3.) a bargraph indication of relative inductance change (which ensures proper selection of sensitivity level), 4.) a record of accumulated loop failures, and 5.) a timer countdown of programmed timing functions.