ED510 Display Module
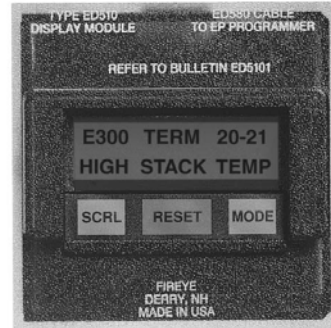
The ED510 Display Module is designed to operate with the Flame-Monitor Burner Management Control System using the EP and EPD style programmer modules.[1] The ED510 display is optional for EPD programmers, but is required for the EP style programmers.
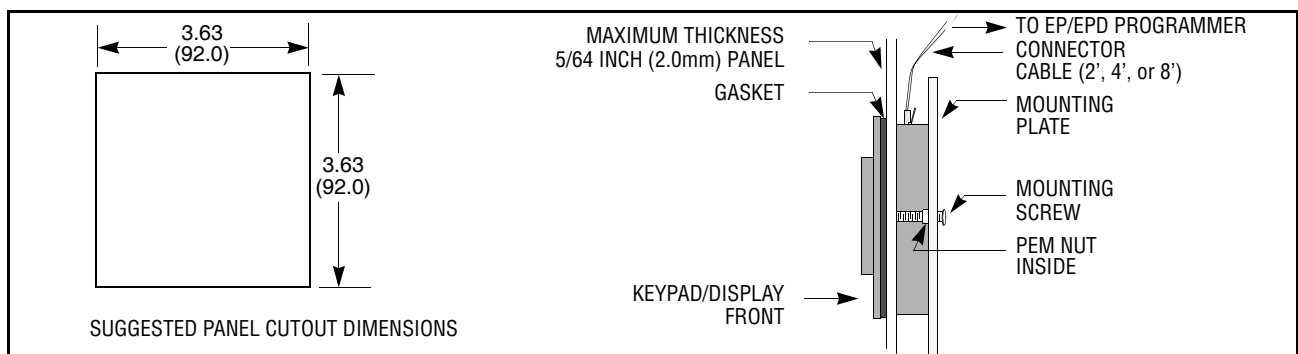
The ED510 display module provides the following features and capabilities
- LCD backlit display with two (2) lines of sixteen (16) characters each.
- Continuous display of current burner operating status, including   first out annunciation in the event of a lockout condition.
- Three (3) key, tactile dome keypad provides historical information of the burner, last six (6) lockout conditions (with burner cycle and burner hour time stamp), assign messages associated with the operation of the E300 expansion module, and diagnostic messages.
- Design which mounts directly onto the front face of the EP style programmers.
- RJ style connector for connection to the EP and EPD style programmers.[1]
- Remote display capability with the EP and EPD style programmers using standard DIN sized opening and remote mounting kit.

Part Number	Description
ED510	2 line x 16 character LCD display with keypad.
ED580-1	ED510 Display cable with RJ45 connector – 1 1/4 inch
ED580-2	ED510 Remote display cable with RJ45 connector – 2 feet
ED580-4	ED510 Remote display cable with RJ45 connector – 4 feet
ED580-8	ED510 Remote display cable with RJ45 connector – 8 feet
129-145-1	Remote display (ED510) mounting kit with 4 ft. cable.
129-145-2	Remote display (ED510) mounting kit with 8 ft. cable.
129-145-3	Remote display (ED510) mounting kit with 2 ft. cable.
ED610	Adaptor for mounting ED510 display further than 8 feet away from control.

DIMENSIONS TO REMOTE MOUNT ED510 DISPLAY

3.63 (92.0)

3.63 (92.0)

SUGGESTED PANEL CUTOUT DIMENSIONS

MAXIMUM THICKNESS 5/64 INCH (2.0mm) PANEL

GASKET

KEYPAD/DISPLAY FRONT

TO EP/EPD PROGRAMMER CONNECTOR CABLE (2', 4', or 8')

MOUNTING PLATE

MOUNTING SCREW

PEM NUT INSIDE

1.The EP programmers must have an Eng. code of 28 or higher, the EPD programmers must have an Eng. code of 02 or higher.