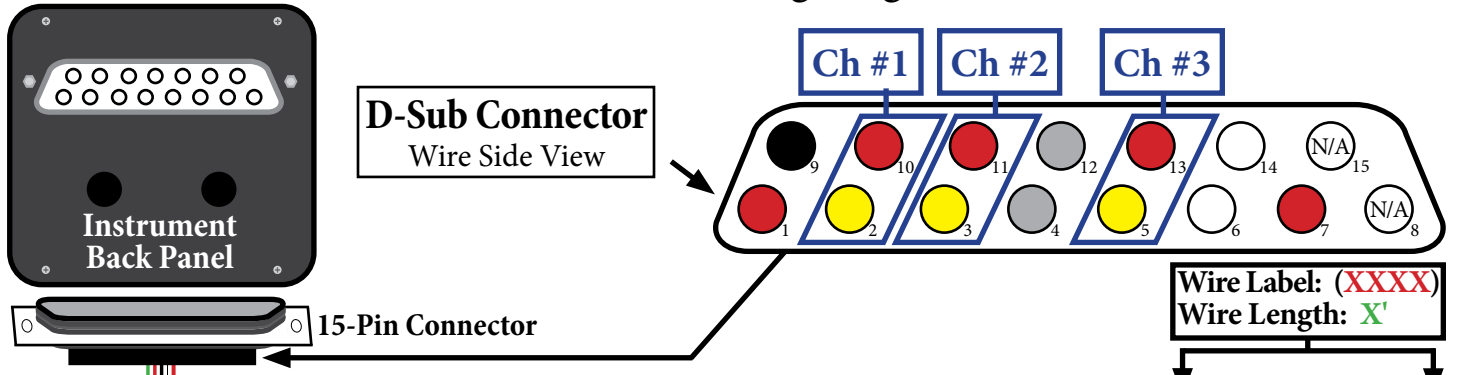


EAC-1

Instrument Wiring Diagram



Pin 1 (Red - 20ga): Power Lead (PWR) 3'

Connects to 12- or 24-Volt Bus via 1-amp fuse. Do not connect the instrument to constant power.

Pin 9 (Black - 20ga): Ground (GND) 3'

Connects to ground.

Pin 2 (Yellow - 24ga):
Ch #1 **To EGT Probe** (EGT) 8'
XDO-8' Cable

Pin 10 (Red - 24ga):
Pin 3 (Yellow - 24ga):
Ch #2 **To CHT Probe** (CHT) 8'
XDO-8' Cable

Pin 11 (Red - 24ga):
Pin 4 **+ 0** **RTD (RTD-500A)**
Pin 12

Pin 5 (Yellow - 24ga):
Ch #3 **To OAT Probe** (OAT) 8'
XDO-8' Cable

Pin 13 (Red - 24ga):

Pin 6 (White - 20ga): 12V Backlight (12V BK LT) 3'
Connects to the 12V bus. Open for a 24V backlight.

Pin 14 (White - 20ga): 24V Backlight (24V BK LT) 3'
Connects to the 24V bus. Connect to ground for a 12-volt system.

Pin 7 (Red - 20ga): Ice Zone Warning Light Intensity (DIMM) 3'
Connects to panel light rheostat. 12 or 24 volts dim the display mode LEDs. Insert the VI-1K in series with this line for a 24-volt system.