

## CMCP 260, 265, 300 and 310 Termination, Junction and Switch Box Instructions

### Mounting Enclosure

CMCP Junction Boxes and Switch Boxes are available in NEMA4X Fiberglass and Stainless Steel as well as NEMA4 Painted Steel. Mounting the enclosure to a surface is similar for all models with one difference. The fiberglass enclosures have detachable feet as shown in figure 1, while the steel and stainless enclosures have integral feet. Installation of the feet on the fiberglass enclosure is accomplished with the supplied hardware. Refer to figure 1.

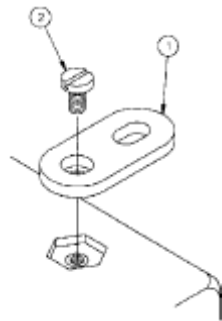


Figure 1

### Ground Wire Installation

All conduit leading to the enclosures should be grounded. Preferably to the internal panel. For metallic conduit attach a ground wire from the conduit head to the panel, and for non-metallic conduit attach the drain wire to the panel as shown in figure 2.

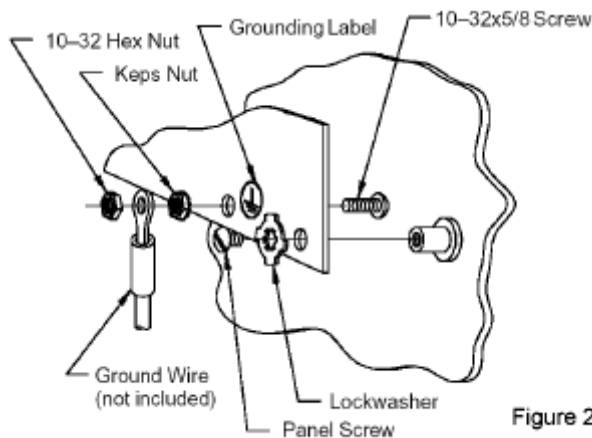


Figure 2



## CMCP 260, 265, 300 and 310 Termination, Junction and Switch Box Instructions

### Terminal Wiring

#### CMCP260 Junction Box

The CMCP260 is an enclosure containing only a back panel. No terminals are supplied.

#### CMCP265 Termination Box

The CMCP265 contains one row of terminal blocks. Three (3) terminals are provided for each channel. Sensor wire is commonly routed into the enclosure and terminated on one side of the terminals, and another set of wire is connected to the other side of the terminal blocks. The exiting wire is typically run to a PLC/DCS or other monitoring equipment.



CMCP265 Terminal Blocks

#### CMCP300 Individual BNC Junction Boxes

CMCP300 boxes contain terminal blocks connected to individual BNC's. The terminal blocks are labeled per channel. The white wire, or top wire, is the signal wire, and the black wire is common.

#### CMCP310 Switchable BNC Junction Boxes

CMCP310 boxes contain terminal blocks connected to a single BNC through a switch. The terminal blocks are labeled per channel. The white wire, or top wire, is the signal wire, and the black wire is common.



CMCP310 Terminal Blocks