# Honeywell

# 32006648-001 NEMA 1 Cover for CR7890B Integrated Burner Control

## APPLICATION

The 32006648-001 NEMA 1 Cover provides a means of continuously monitoring the flame signal voltage. It also provides a connection point for the 32005580-001 Extension Cable to utilize the S7800 Keyboard Display Module (KDM).

*IMPORTANT*
*The 32006648-001 NEMA 1 Cover reduces the CR7890 NEMA rating from NEMA 4 to NEMA 1 and also reduces the maximum ambient temperature rating from 135°F (+57°C) to 130°F (54°C).*



**Fig. 1. 32006648-001 NEMA 1 Cover.**

## INSTALLATION

To remove the CR7890 faceplate and replace it with the 32006648 NEMA 1 Cover (see Fig. 2):

1. Remove the four black faceplete screws from the faceplate.
2. Remove the faceplate and replace it with the 32006648-001 NEMA 1 Cover.
3. Install the four black faceplate screws from step **1**.
4. See Fig. 4 or 5 for connecting the S7800 Keyboard Display Module (KDM) or for measuring the flame signal strength.
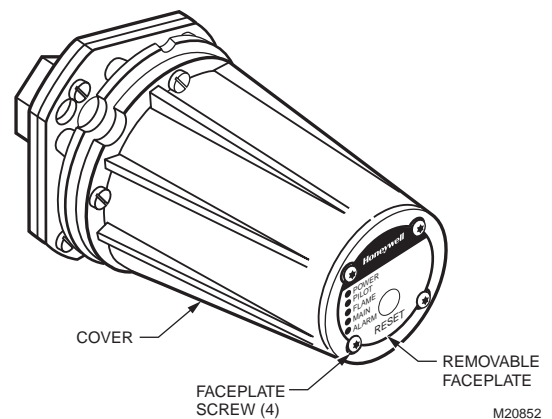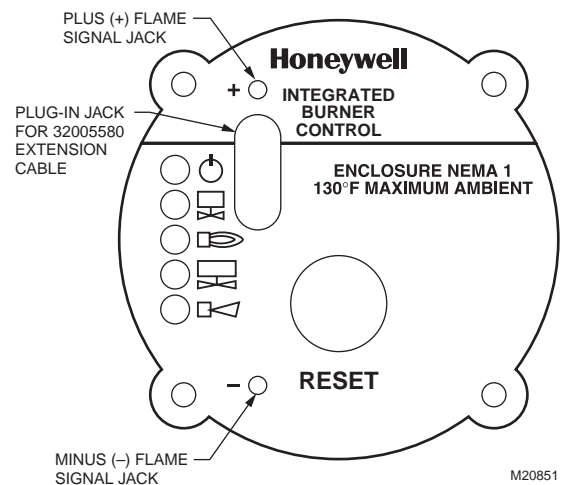


**Fig. 2. Removable faceplate.**



**Fig. 3. NEMA1 cover for CR7890.**

**Fig. 4. Installing the 32005588-001 Extension Cable with S7800 Keyboard Display Module.**

1.  Insert the black connector at the end of the 32005588-001 Extension Cable into the slot on the upper front of the CR7890 NEMA 1 cover.
2.  Connect the other end of the extension cable to the back of the S7800 Keyboard Display Module.



**Fig. 5. Measuring the flame signal voltage.**

To measure the flame signal voltage with the NEMA1 cover in place:

1.  Connect the red (+) lead of the multimeter to the upper test jack on the front of the cover.
2.  Connect the black (-) lead of the multimeter to the lower test jack on the front of the cover.
3.  Measure the flame signal voltage.

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