Next-Gen Single API Overfill Socket

Introducing the Next-Generation Single Optic and Thermistor Sockets

Civacon Next-Gen Overfill Sockets connect Optic, Thermistor, and J560-type level sensors on trailer and truck tanks to their compatible monitor plugs installed at loading terminals. This overfill-detection system provides for automatic shutoff of product flow at a predetermined liquid level and warns of an overfill condition.

Civacon's Next-Gen API overfill sockets feature highly wear-resistant J-slot inserts instead of the traditional J-slot collar. The J-slot inserts are easily replaceable using just a screwdriver without the need to disconnect any wiring or enter the electronics. This means that maintenance can be done in minutes in the field, resulting in reduced downtime and a much lower maintenance cost.

4132-4132
Optic Socket (Blue)

4432-4432
Thermistor Socket (Green)

Features and Benefits:

- Rugged one-piece injection-molded composite connector nose

- Molded in color to match API standards, green for thermistor and blue for optic

- Wear spark and corrosion-resistant nickel-plated zinc aluminum j-slot inserts

- Stainless-steel contacts

- Durable rubber dust cap

- Stainless-steel hardware included

- Thermistor sockets come standard with easy wiring jumper pcb

Next-Gen Single API Overfill Socket
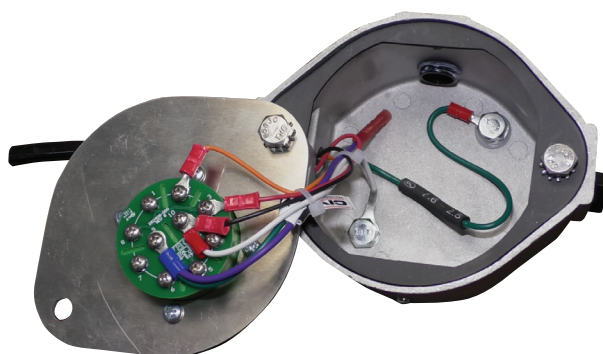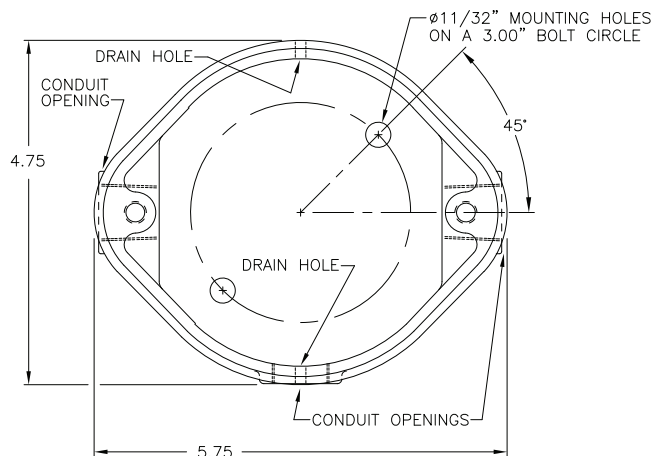
Specifications

- **Materials:**
  - **Housing:** Aluminum
  - **Connector Nose:** Valox Composite
  - **J-Slot Inserts:** Nickel-Plated Zinc Aluminum
  - **Contact Pins:** Stainless Steel

- **Dimensions:** 5.75" W x 4.75" H x 3.5" D

- **Weight:** 2.5 lbs. (1.1 kg)

- **Temperature Range:** Operating Temperature -40°F (-40°C) to 160°F (70°C)
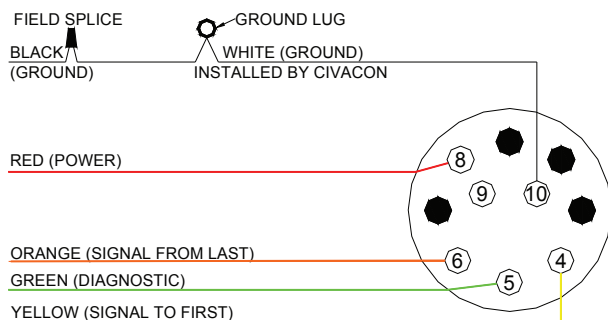

4432-4432
Wiring Shown

Product Numbers

Product Number	Description
4132-4132	API Optic Pattern Socket, 3 J-Slots with 6 Pins (Blue), with Ground Wire
4133-4133	API Optic Pattern Socket, 3 J-Slots with 6 Pins (Blue)
4432-4432	API Thermistor Pattern Socket, 4 J-Slots with 10 Pins (Green), with Ground Wire
4433-4433	API Thermistor Pattern Socket, 4 J-Slots with 10 Pins (Green)

4133-4133

FIELD SPLICE — GROUND LUG
BLACK (GROUND) — WHITE (GROUND) INSTALLED BY CIVACON

RED (POWER)
ORANGE (SIGNAL FROM LAST)
GREEN (DIAGNOSTIC)
YELLOW (SIGNAL TO FIRST)

4433-4433

FIELD SPLICE — GROUND LUG
BLACK (GROUND) — WHITE (GROUND) INSTALLED BY CIVACON

RED
ORANGE

IF NOT USING JUMPER PCB PN D52409-000
INSTALL JUMPER WIRES FROM:
7 TO 6, 6 TO 4, 8 TO 3, AND 3 TO 5
5 TO 1 AND 4 TO 2