

PLUG & CORD SETS

BUILT TO LAST WITHIN YOUR RIGOROUS APPLICATIONS AND CHALLENGING ENVIRONMENT!



Safety, reliability, corrosion resistance and long product-cycle life are all benefits when specifying Civacon Plug & Cord sets for your terminal loading systems. To top it off, the products are very easy to use and handle... here's why:

CIVAICON PLUG & CORD SETS FEATURES & BENEFITS:

PLUGS:

- Lightweight, molded plug for ease of use/handling
- Stainless steel contact pins for corrosion resistance and long life

- Heavy gauge spring behind contact pins to ensure strong, reliable electrical connections
- Stainless steel interlock screws with 3/4" opening for easy replacement of the plug or cord, saving you time and money!

CORDS:

- High-visibility, 30 feet, coiled cord for ease of use and safety
- 18-gauge, tinned wire for corrosion resistance and long life

Call Civacon today and Make Your Best Connection Ever!

| | | |
|-------------|-------------------------|---|
| CALL | TECHNICAL SUPPORT | (800) 5-CIVAICON • (800) 524-8226 |
| | INQUIRIES SALES SERVICE | 4304 Mattox Road • Kansas City, MO 64150 (888) 526-5657 • fax (888) 634-1433 |

civaconTM
CARGO TANK PRODUCTS GROUP

CIVAICON

PLUG & CORD SETS

OPERATION

Civacon plugs and cords are used with junction boxes to connect the overfill detection monitor to the transport (i.e. tank trailer) at the loading terminal. Basically, two types of systems (optic and thermistor) are in wide use today.

Thermistor systems, which are typically color-coded green, use eight pins in the plug. There is one pin for each compartment and two for ground.

Optic systems, normally are color-coded blue, and use six pins. The pins are for; power, ground (two), signals to- and from-the-sensors, plus a spare.

A junction box with an internal terminal strip is connected to the plug via a coiled cord. The coiled cord is made with a tough outer jacket to resist abrasion and chemical attack from the fuels around the application. The coiled cord is designed to retain the coil and provide several years of service.

Civacon was the first in the industry to offer a lightweight molded plug. The plugs are made with a urethane material to last many years of tough field service at the loading terminals. Included with each plug is a heavy-duty spring behind each stainless steel contact pin to ensure a reliable connection to the socket on the transport.

SPECIFICATIONS

Operating Temperature:

-40°F to 158°F (-40°C to 70°C)

Materials:

Plug Body — Urethane Rubber

Contact Pins — Stainless Steel

Cable —

Type: SJO

Jacket: High Viscosity Fuel Resistant

Length Retracted: 5'

Length Extended: 30'

Wire Size: 18 gauge

