

## Fuelling products

# Api adaptors

F412, F433

### F412 two-way API adaptors



### F412 Two-way API adaptor

The Meggitt F412 straight bottom loading two-way adaptor, made in accordance with the latest revision of API RP1004, is available for use as a loading and off-loading connection. See back of page for dimensions and flow curve. The unit can be obtained with a 3-inch NTT flange as an option.

- Available with special off-loading couplings to mate standard hose connections. Save as much as 12 pounds per adaptor in comparison to standard Y-type adaptors with only a minimal reduction in flow rate
- No internal camming surfaces in mechanism to generate metal chips
- Bonded poppet seal eliminates potential increase in spillage and pressure drop inherent in O ring seal designs

### F433 API Loading adaptor

Whittaker's F433 straight bottom loading adaptor is made in accordance with API RP1004 in several configurations to fit various system designs. The F433 is normally used as a loading adapter only. It may be used to offload with an openable type coupler. The unit can be obtained with a 3-inch NTT flange as an option. See back of page for dimensions of the base unit.

- Dimensionally in accordance with API RP1004
- One-piece body - no external leak paths
- Iron and brass free content standard
- Seals suitable for use with fuels with high aromatic content
- Viton seals available as an option

### Key Features

- Lightweight, rugged aluminum construction
- Mates Whittaker loading coupler F228 or others to API RP1 004
- Mates 4-inch NTT flange
- Standard metal dust cover retained by rugged chain
- Normally closed or normally open brake interlock or vent actuation valves available - actuated by F228
- Mounting studs pre-drilled and tapped to accept later addition or brake interlock valve (two places, 1800 apart)

## Meggitt Control Systems

**Our product competencies & services:**  
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products  
Ground fuelling products | Energy products | Aftermarket services

**MEGGITT**  
smart engineering for  
extreme environments

