



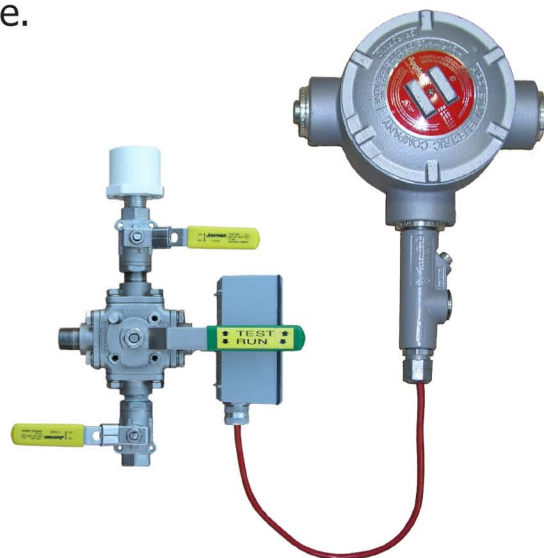
Crown Products, Inc.

WATER DETECTION PROBE SYSTEMS

Water Detection Probe Systems detect the presence of water in a filter-separator sump by utilizing a conductivity probe attached to the vessel and an intrinsically safe relay to control fuel flow by stopping a pump or closing a valve.

Full Functional Test Feature -

Allows water to be introduced into the probe assembly without introducing water into the vessel sump or the fuel stream. This is not an indirect test of the inside of the probe or an electrical test of the relay - the probe is tested under the same conditions as which it will operate.



Crown Water Detection Probe Systems feature:

- All stainless steel and aluminum metal parts
- Buna and Viton Seals
- 1/2" NPT Vessel Connection
- Full Functional Test Ability
- Available with 12 Volt or 24 Volt AC or DC Relays or 120 Volt AC Relay
- Available with Weatherproof or Explosion Proof Relay Enclosures
- Components rated for 150 PSI pressure

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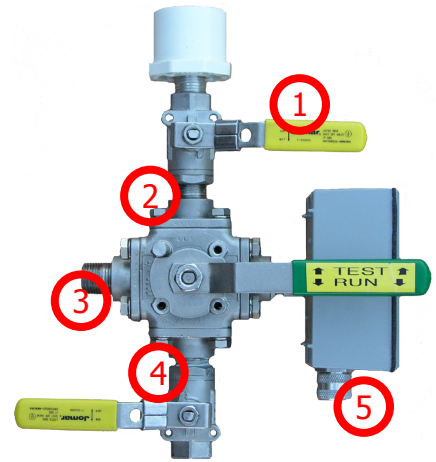
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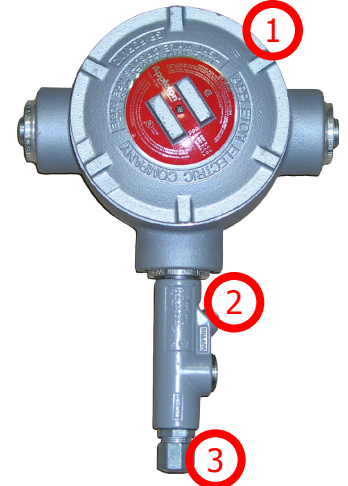
Water Probe Assembly *

- ① Fill Valve - used when adding water to the probe assembly during testing
- ② Test Valve - shown in 'RUN' position
Rotate 90 deg. CCW to test
- ③ Vessel connection - 1/2" NPT
- ④ Drain Valve - drains fuel from probe assembly prior to testing and drains water after testing
- ⑤ Weatherproof enclosure covering probe and probe connections



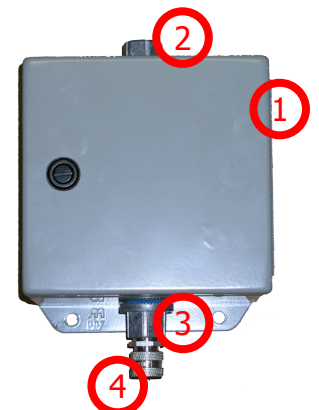
Hazardous Area Enclosure

- ① Enclosure For Hazardous Areas
Relay Options:
 - 12 Volt AC or DC Powered
 - 24 Volt AC or DC Powered
 - 120 Volt AC Powered
- ② 1/2" Seal-off
- ③ Cable Clamp/Strain Relief



Weatherproof Enclosure

- ① Enclosure For Non-Hazardous Areas
- ② 1/2" Conduit Hub
- ③ 1/2" Conduit Hub
- ④ Cable Clamp/Strain Relief



* U.S. Patent No. 7,019,541