

# Checkmate Retain Overfill System

## 2-Wire Black and White

### FT150 Replacement Black and White 2-Wire Probes



FT150 Probe

The FT150 thermo-optic 2 wire probe is electronically and mechanically compatible for drop-in replacement of commonly used 2-wire probes with black and white wires. The FT150 provides the fast response and reliability of optic technology in a thermistor application. All FloTech brand probes come with a unique dual elastomer seal for prisms and a smooth tapered tip design for easy installation without gasket damage. Custom lengths available upon request. Compatible with the Scully Intellicheck system (probe housing is part # FT90001).

Part #	Description
<b>FT150</b>	Replacement probe, thermo-optic, 2 wire (black and white), 7"
<b>FT150-12</b>	Replacement probe, thermo-optic, 2 wire (black and white), 12"
<b>FT150-18</b>	Replacement probe, thermo-optic, 2 wire (black and white), 18"
<b>FT155</b>	Dummy

Note: FT155 dummy can be found on page 12.

### FT151 Thermo-Optic Sensors



FT151 Sensor

The FT151 thermo-optic sensor contains the FT150 probe and a 2" NPT housing. Our probe holder is cast aluminum with a 2" NPT mounting thread, heavy duty stainless steel hardware, and Viton® probe seal. Install in a 2" NPT tapped hole or 2-3/8" hole using the gasket and locking nut provided. All screws and rings are heavy duty stainless steel for easy assembly and long life. Compatible with Scully Intellicheck monitors (probe housing is part # FT9000)

Part #	Description
<b>FT151</b>	Sensor, thermo-optic, 2 wire (black and white), 2" NPT housing with 7" probe
<b>FT151-12</b>	Sensor, thermo-optic, 2 wire (black and white), 2" NPT housing with 12" probe
<b>FT151-18</b>	Sensor, thermo-optic, 2 wire (black and white), 2" NPT housing with 18" probe

### FT152 Retain Sensor



FT152 Retain Sensor

The FT152 retain sensor is a bottom retain detection sensor. The sensor has a 1/2" NPT mounting. Sensor is shipped with a 1/2" NPT weld-on aluminum half coupling for mounting. The main sensor portion is stainless steel to prevent galling in the trailer. The wiring box is plastic to prevent corrosion and is removable to facilitate installation. The side ports come out of the same side (like the overfill sensors) to make wiring easier. The FT152 is mechanically and electrically compatible with Scully model 08819 and the Scully Intellicheck System.

Part #	Description
<b>FT152</b>	Scully retain sensor, 2 wire (black and white)

### FT208 Checkmate Retain / Overfill Monitor



FT208 Monitor

The FT208 Checkmate is compatible with the Scully brand black and white two-wire thermo-optic (thermistor) overfill and retain system. Components are drop-in replacement and compatible with the signal format required by the Scully Intellicheck brand on-board monitors.

Easy to follow programming guide for a maximum of eight compartments, programmable for number of compartments, top only, top and bottom service with the same monitor.

Part #	Description
<b>FT208</b>	Checkmate monitor, programmable for top only, or top and bottom sensors, with housing
<b>FT207</b>	Checkmate replacement monitor module