API Optic System 5-Wire

FloTech series FT100 and FT101 sensors are compatible with Scully brand 5 wire optic sensors. FloTech API compatible overfill systems feature long service life and resistance to harsh environments typical on petroleum cargo tanks. Long service life and compatibility make FloTech the ideal choice for demanding cargo applications.

Optic Overfill Kits

FloTech brand overfill system kits provide everything needed to install a new API compatible overfill system on your tank. One through six compartment kits are available off the shelf.

Systems include: 1 FT103 monitor, 1 FT101 sensor per compartment, 1 FT400 100' cable and 1 FT402 (20 pcs.) strain reliefs. **Sockets sold separately.**

Part #	Description
FT1001	API compatible 1 compartment system (optic)
FT1002	API compatible 2 compartment system (optic)
FT1003	API compatible 3 compartment system (optic)
FT1004	API compatible 4 compartment system (optic)
FT1005	API compatible 5 compartment system (optic)
FT1006	API compatible 6 compartment system (optic)
FT1001-12	API compatible 1 compartment system (optic) - 12" probe
FT1002-12	API compatible 2 compartment system (optic) - 12" probe
FT1003-12	API compatible 3 compartment system (optic) - 12" probe
FT1004-12	API compatible 4 compartment system (optic) - 12" probe
FT1005-12	API compatible 5 compartment system (optic) - 12" probe
FT1006-12	API compatible 6 compartment system (optic) - 12" probe

Optic Overfill Kit

FT100 Replacement Probes

The FT100 replacement probe is electronically and mechanically compatible with the API optic or 5 wire signal format. The FT100 sensor features a dual prism seal design which is more reliable than other designs which glue in the prism using epoxies. Custom lengths are available upon request. The FT100 is compatible with Scully #09208 and Civacon #1300. (probe housing is part # FT9000).

Part #	Description
FT100	5 wire API optic probe, 7"
FT100-12	5 wire API optic probe, 12"
FT100-18	5 wire API optic probe, 18"

FT100 Replacement Probe

FT101 Sensors

The FT101 sensor is compatible with the API optic or 5 wire signal format. Our probe holder is cast aluminum with a 2" NPT mounting thread, heavy duty stainless steel hardware, and Viton® seals. Install in a 2" NPT tapped hole or 2-3/8" hole using the provided gasket and locking nut. (probe housing is part # FT9000).

Part #	Description
FT101	Sensor, optic, 5 wire, 2" NPT housing with 7" probe
FT101-12	Sensor, optic, 5 wire, 2" NPT housing with 12" probe
FT101-18	Sensor, optic, 5 wire, 2" NPT housing with 18" probe

FT101 Sensor

FT103 Monitor

The FT103 API compatible monitor works with the FloTech API compatible sensor models FT101/100. This six channel monitor will provide API compatible optic, thermistor, and float socket outputs for a true load at any rack compatibility. Entity approved by CSA and FM to ensure safety. The FT102 replacement chassis is compatible with Civacon 3150 or Scully 08563 on-board monitors.

Part #	Description
FT103	API compatible on-board monitor, with housing
FT102	Replacement chassis, API compatible

FT103 Monitor