



Scully Two-Wire Optic Socket

Overfill Prevention For Road Tankers with 1-8 Compartments

Featuring Dynacheck® – Automatic and Continuous Self-Checking Circuitry

DESCRIPTION

The Scully two-wire optic socket is used to connect up to 8 tanker mounted two-wire optic sensors to a Scully Overfill Prevention Monitor, such as an ST-15C Single Point Overfill Prevention Controller. It can be used on single compartment or up to 8 compartment vehicles, with dummy sensors being provided in the socket. It can also have an interlock switch installed which allows the brakes to be applied when the Scully plug is connected, and a pressure switch can be fitted to make sure the connection of the vapour hose is completed before a permissive signal is given by the controller. The socket can have any combination of the above installed at the customers request.

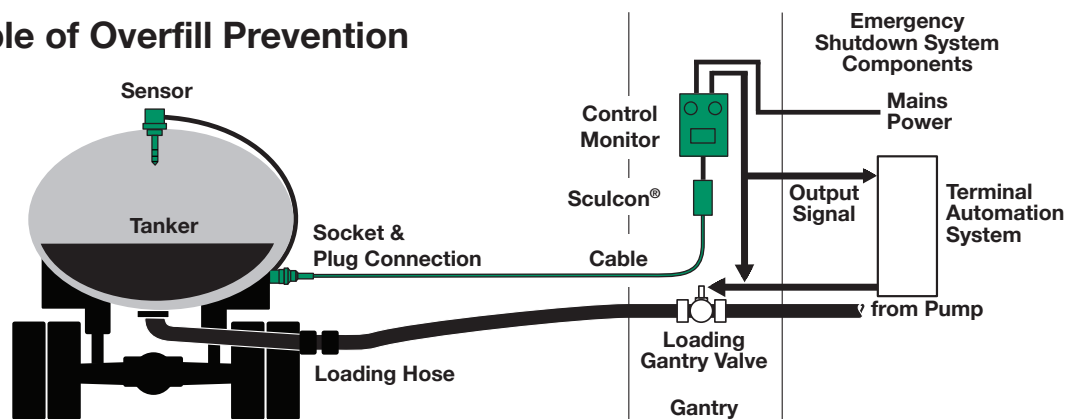


*Scully Two-Wire Optic Socket
with Polyvinyl Cap*

FEATURES AND BENEFITS

- Suitable for Scully two-wire optic sensors.
- Caters to top and bottom loading.
- Rugged construction.
- Incorporates electronic dummy for tankers with less than eight compartments.
- Easy installation on tanker chassis.
- Lightweight, green, polyvinyl cap.
- Available with integral brake interlock switch for top loading.
- Optional mounting bracket with threaded captive plate and bolts for top loading socket.
- Optional integral pressure switch for vapor recovery.
- Pins for tanker earthing incorporated.

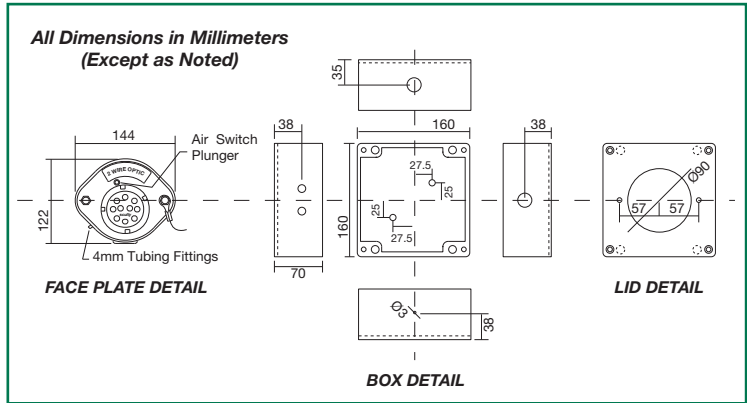
Principle of Overfill Prevention



Overfill Prevention For Road Tankers with 1-8 Compartments

TECHNICAL SPECIFICATIONS

- Electrical Connection:** Terminals for pressure crimping.
- Electronic Dummy:** For use in road tankers with eight or fewer compartments.
- Clamping:** Provided for within the socket.
- Size:** Refer to diagram.
- Exposed Material:**
- Top Socket:** Zinc/aluminum alloy body.
 - Bottom Socket:** Polycarbonate.
- Stainless Steel contact pins.
Polyvinyl dust cap.
- Weight:** 2.3 kg.



The Scully model SJ-8OB two-wire optic socket contains only intrinsically safe wiring.

ORDERING INFORMATION

Order one two-wire optic socket per vehicle. Please specify the number of compartments.
One electronic dummy is necessary for tankers with 3-8 compartments, and two electronic dummies are needed for 1 + 2 compartments.

Description	Part Number
Storage Socket + 2 Dummy no I/L P/S	08645
SJ-8OB, OPSKT, 10-pin, 2W, M20(BAS)	08646
Bottom Socket + Dummy, P/S No I/L	08646/P
T Socket (-Dummy - P/S + I/L) 2SktPort	08802/I/3PtSkt
B/Socket 2P I/L + P/S 3-6 Comp	08802/IP
B/Socket 2 Dummy +I/L + P/S	08802/IP/1Comp
SKT P/S 3Prt I/LP HW/2W 3-6 Comp	08802/IP/3PrtSkt
3-6 Comp Socket + P/S No I/L	08802/P
B/Socket + 2 Dummy +P/S No I/L	08802/P/B/1Comp
Socket LongPin I/L P/S + 2 Dummys	08802/L-IP/1Comp

REPLACEMENT PARTS

Description	Part Number
Housing Gasket	20628
Machined Enclosure Polyester	0100774
Socket Faceplate with Interlock Hole	09467
Socket Faceplate without Interlock Hole	31276
Electronic Dummy, SD-SCE 5 Element	08542
Pressure Switch	0100542
Interlock Switch, 2 Port Valve	0100181
Bulkhead Connector 4mm	0100179
Polyvinyl Dust Cap and Cable Assembly, Green	08574
Socket Faceplate with hole in Insert For Long Pin Interlock	31276/LP
3 Port Long Pin Interlock Switch	0100183

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