Scully Sockets: Truck Mounted Overfill Prevention System Connectors

Featuring Complete Loading Rack Compatibility

setting new standards in safety

scully

Dynamic
Self Checking®

MAXSAFETY®

S A F E T Y

*Scully Optic
and Thermistor
Style Sockets*

Scully DuoCept™

DESCRIPTION

Scully Sockets are part of a complete vehicle mounted overfill prevention and grounding systems. With over 90% of all bottom-loading terminals in the United States using Scully Overfill Prevention Systems, Scully sockets offer you the compatibility you need at any terminal. The style of plug at each loading terminal that your vehicles load should be considered to ensure a compatible connection. Truck-mounted, they connect to the Scully IntelliCheck® or Load Anywhere® onboard monitor and /or Scully sensors and the terminal loading rack overfill monitor via the terminal plug.

The DuoCept™ includes two socket interfaces, one optic and one thermistor in one, lightweight, easy-to-install weather resistant housing. Duocept models can include a factory installed T.I.M. truck identification module.

FEATURES AND BENEFITS

- Designs which meet API (American Petroleum Institute) standards for optic and thermistor systems.

- Compatible with Scully loading rack overfill prevention controls- the #1 choice worldwide.

- Socket styles for compatibility with all loading rack plug styles.

- Durable construction to withstand the rigors of road travel.

- Stainless steel contact pins for long-lasting performance.

- Easy gripping vinyl protective cap included*.

- Internal mounting holes and NPT threaded conduit entry holes for ease and flexibility during installation.

- The Duocept™ features two pre-wired sockets in one powder coated enclosure with anodized socket connectors to reduce weight and installation time and withstand harsh weather and road conditions.

  *All sockets except the SJ-4D and SJ-4R include vinyl protective cap.

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ORDERING INFORMATION

Scully Sockets

Description	Part Number
DuoCept W/B, WOGA Optic and Scully Thermistor Interface Connectors	09060
DuoCept W/B, w/T.I.M., WOGA Optic and Scully Thermistor Interface Connectors	09061

DuoCept™

Description	Part Number
SJ-6W Optic Socket, WOGA Pattern, API Optic Standard	07974
SJ-6SO Optic Socket, Scully Pattern	07973
SJ-6X Optic Socket, SAE J560 Pattern	08199
SJ-8S Thermistor Socket, API Thermistor Standard	07716
SJ-6S Thermistor Socket, API Thermistor Standard	07720
SJ-6 Thermistor Socket, SAE J560 Pattern	07681
SJ-4D Pole Pattern Socket	07707
SJ-4R 4 Pin Truck/Rack with Box	07644

SJ-6W

SJ-6SO

SJ-6X

SJ-8S

SJ-6S

SJ-6

SJ-4D

SJ-4R

Scully Switch and Valve Sockets

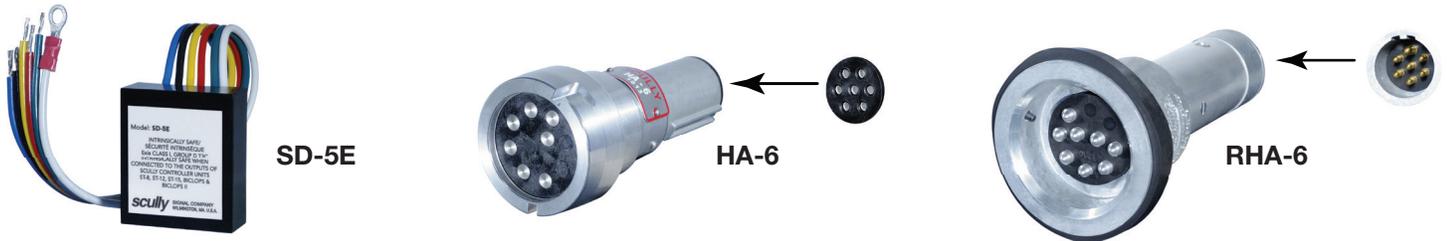| Description	Part Number
SJ-6W Optic Socket, WOGA (API) Style with Switch and Air Valve	08822
SJ-6S 2-Wire Thermistor Socket, 8-Pin, w/ Switch & Air Valve	08823
SJ-6W Optic Socket, 6-Pin 5-Wire, w/ Switch and Air Valve, M20	08816

SJ-6W

SJ-6S 2-Wire

SJ-6W

Scully Electronic Dummies & Plug to Socket Adapters

Description	Part Number
SD-5E Five Element Electronic Dummy	08542
HA-6 Adapter. Permits SAE-J560, Pole Socket to mate with Scully SC-6A and SC-6AO Rack Plugs	07735
RHA-6 Reverse Adapter. Permits Scully SJ-6S, SJ-8S, SJ-F Sockets to mate with SAE-J560 7 Pole Rack Plugs	07795

SD-5E   **HA-6**   **RHA-6**

Replacement Parts

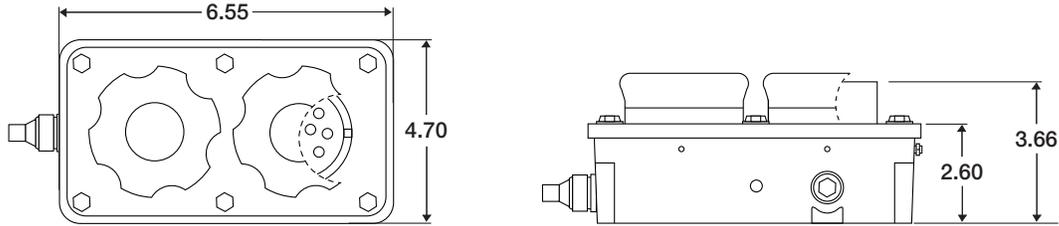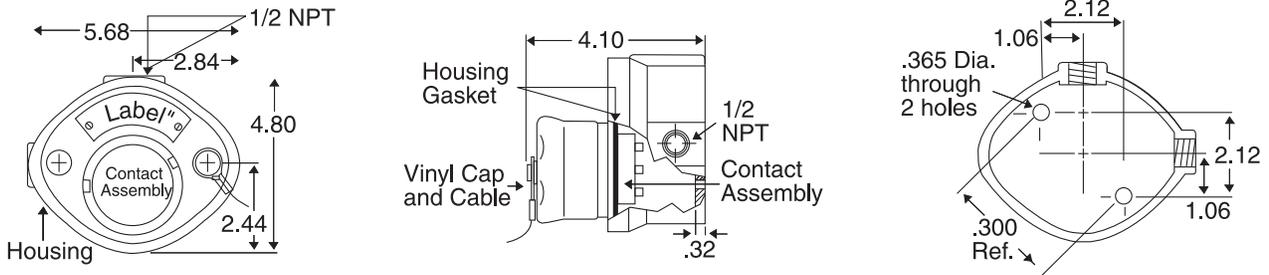| Description	Part Number
Housing for all Socket Models	21810
Replacement Vinyl Cap for SJ-6W, SJ-6SO, SJ-6X (Blue)	08575
Replacement Vinyl Cap for SJ-6S, SJ-6 (Green)	08574
Complete Faceplate Assembly with Vinyl Cap, **SJ-6W Socket**	21790
Complete Faceplate Assembly with Vinyl Cap, **SJ-6S Socket**	20770
Contact Assembly for SJ-6S Socket	20757
Complete Faceplate Assembly with Vinyl Cap, SJ-6SO Socket	21576
Contact Assembly for SJ-6SO and SJ-6W	21771
Complete Faceplate Assembly with Vinyl Cap, SJ-6X Socket	21192
Complete Faceplate Assembly with Vinyl Cap, SJ-6 Socket	21074
Complete Faceplate Assembly with Vinyl Cap, SJ-6F Socket	21424
Faceplate and Label, SJ-6F (no contact assembly)	08513
Complete Faceplate Assembly with Vinyl Cap, SJ-8S Socket	20768
Complete Faceplate Assembly with Vinyl Cap, SJ-F Socket	21100
Contact Assembly for SJ-F Socket	21104
Replacement Single Pin and Screw for all Sockets	07783
Socket Cleaner for all Sockets	07811
SJ-6W Style Socket Faceplate and Label, Less Contact Assembly	08510
SJ-6SO and SJ-6X Style Socket Faceplate and Label, Less Contact Assembly	08515
SJ-6 and SJ-6S Style Socket Faceplate and Label, Less Contact Assembly	08516
J560 Insert Adapter for use in Scully Style Faceplates	20629
Crimp-on Insulated Wire Pin Connectors, 10 Pieces	08318
Gasket, Neoprene, Socket Housing Cover	20628
4-Pin Socket, for SJ-4D and SJ4R Sockets	27403

SJ-6W Assembly   **SJ-6S Assembly**

All Dimensions in Inches

(DuoCept™)

6.55

4.70

3.66

2.60

(single sockets)

5.68

1/2 NPT

2.84

4.80

Label/"

Contact Assembly

2.44

Housing

4.10

Housing Gasket

1/2 NPT

Vinyl Cap and Cable

Contact Assembly

.32

2.12

1.06

.365 Dia. through 2 holes

2.12

1.06

.300 Ref.

TECHNICAL SPECIFICATIONS

(DuoCept™)

Materials: <u>Housing:</u> Aluminum casting with gray powder coated finish
<u>Socket Connector Outer Ring:</u> Black anodized aluminum
<u>Dust cap:</u> Molded vinyl

Wiring Harness: 10' Oil/weather Resistant Cable

Contacts: Stainless Steel

Size: Refer to diagram

(single sockets)

Materials: <u>Socket body:</u> Die cast zinc
<u>Housing:</u> Zinc/aluminum alloy
<u>Insulator:</u> Glass filled polycabonate
<u>Dust cap:</u> Molded vinyl

Conduit Entry: Two 1/2" NPT threaded entry holes

Contacts: Scully style stainless steel SAE J560 style: zinc plated brass

Connections: Provided by screw terminals

Size: Refer to diagram

Weight: 4.8 lbs. (2.2 kg.)