

Plug and Cable Assembly w/Sculcon Series Junction Box

For Safe and Reliable Rack to Vehicle Connection

ELECTRONIC
PRODUCT
LINE



Featuring Dynacheck® – Automatic and Continuous Self-Checking Circuitry



*Sculcon Junction Box
with Cable Assembly*



Plug and Cable Assemblies

DESCRIPTION

Scully plugs are made of heavy duty molded polyurethane with stainless steel contacts. The fuel resistant cables are available in 30' coiled or 20' straight styles. Scully plugs and cables are the product of years of industry experience and offer durable, efficient operation. They are designed for use only with the intrinsically safe output circuits of Scully's ST-35, ST-15 and Intellitrol®.

Scully Plugs and Cables are used to connect the Scully loading rack control monitor to the vehicle mounted socket. The plugs and cables are the pathway for the control unit/sensor signals which monitor the status of overfill prevention, electro-static grounding and vehicle identification during loading operations.

FEATURES AND BENEFITS

- Extremely rugged design which can withstand harsh environments and mishandling.
- Non-removable socket locator pins fitted directly into the plug housing.
- Permanent socket locator pins that won't loosen or back out.
- Internal cable retention clamp to prevent cable pull-out or twisting.
- Molded glass-reinforced, polycarbonate contact block with positive locator keyways for easy disassembly and/or reassembly.
- Molded arrow on plug housing for easy visual alignment with socket.
- Stainless steel electrical contact, spring loaded to insure proper contact with the truck socket pins.
- Virtually indestructible polyurethane plug shell, color coded to match Scully truck sockets.
- Compression strain relief spring prevents the cable from bending or crimping.
- Heavy-duty petroleum resistant cable with higher visibility and cold weather flexibility.

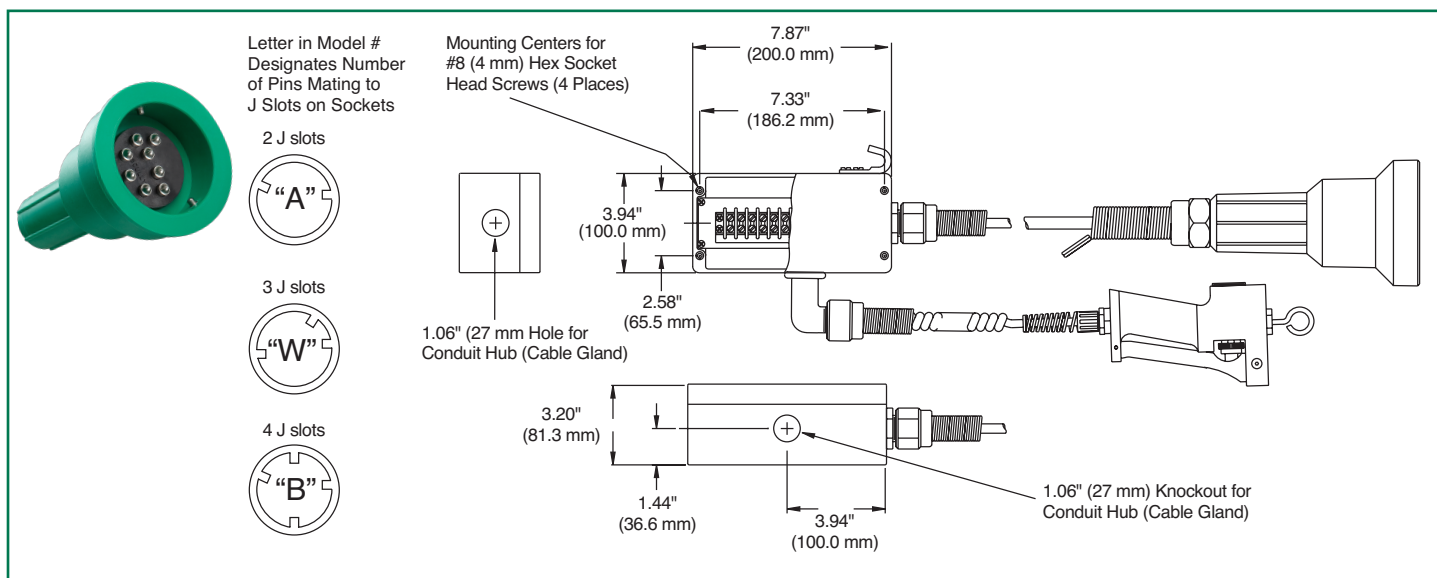
scully

MaxSafety®
SYSTEMS

Scully Signal Company / Tel. 617 692 8600 / Fax. 617 692 8620 / 800 2 SCULLY (272 8559)
70 Industrial Way, Wilmington, MA 01887-3479, USA / sales@scully.com / www.scully.com

60614 Rev F

For Safe and Reliable Rack to Vehicle Connection



TECHNICAL SPECIFICATIONS

Environmental Temperature: -40°F to +140°F (-40°C to +60°C)
10 Conductor Cable: White- 16 Gauge
 All Other- 18 Gauge

Straight- 20 feet (6m)
 Coiled- 30 feet (9m)

The cables working length is enclosed in a fuel-resistant jacket. The cable is oil and gas resistant. Other lengths are available upon request.

Materials:

Plug Body:	Polyurethane
Insulator:	Polycarbonate
Contact Pins:	Stainless Steel
Junction Box:	Aluminum

Approvals: These devices are part of an intrinsically safe system certified by FM.



ORDERING INFORMATION

Sculcon Model	Applicable Controllers	Plug Style	# of Pins/Slots in Mating Area	Plug and Coiled Cable	Plug and Straight Cable	Coiled Cable w/J.Box	Straight Cable w/J.Box
SC-6A	Intellitrol, ST-15	Green	8 pins, 2 J slots ¹	21818	20830	08156	07582
SC-6A/D	Intellitrol, ST-15	Green	8 pins, 2 J slots	—	—	08248	—
SC-6W	Intellitrol, ST-35, ST-35C	Blue	6 pins, 3 J slots ²	21831	21764	08159	08139
SC-6W/D	Intellitrol, ST-35	Blue	6 pins, 3 J slots	—	—	08674	—
SC-6AO	Intellitrol, ST-35	Blue	6 pins, 2 J slots	21821	21820	08161	08160
SC-6OB	Intellitrol, ST-35	Blue	6 pins, 4 J slots	—	—	08689	—
SC-8A	Intellitrol	Green	10 pins, 2 J slots	31092	20831	08729	07581
SC-6	Intellitrol, ST-35	SAE J560-metal		20403	31107	07628	08603

Sculcon Junction Box for General Purpose Part #32319

WOGA: Western States Petroleum Association; API: American Petroleum Institute. 1-API RP1004 Thermistor Standard, 2-API RP1004 WOGA Optic Standard.

Copyright © 2013 Scully Signal Company. Dynacheck, Dynamic Self-Checking, Dynamic Self-Testing, Faylsafe, IntelliCheck, Intellitrol are registered trademarks of Scully Signal Company. All Rights Reserved. Specifications are subject to change without notice.

MaxSafety®
SYSTEMS

Scully Signal Company

70 Industrial Way,
Wilmington, MA 01887-3479, USA
Tel: 800 272 8559 / 617 692 8600
email: sales@scully.com

Scully Systems Europe NV

Eksterveldlaan 31a
2820 Bonheiden / Belgium
Tel: +32 (0) 15 56 00 70
email: info@scully.be

Scully UK Ltd

Meridian House, Unit 33,
37 Road One Winsford Industrial Estate,
Winsford Cheshire CW7 3QG / UK
Tel: +44 (0) 1606 553805
email: sales@scullyuk.com

60614 Rev F
October 2013

