Plug & Cable Assembly w/Sculcon Series Junction Box

For Safe and Reliable Rack to Vehicle Connection



Sculcon Junction Box with Cable Assembly

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 loading rack control monitors.

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, electrostatic 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.



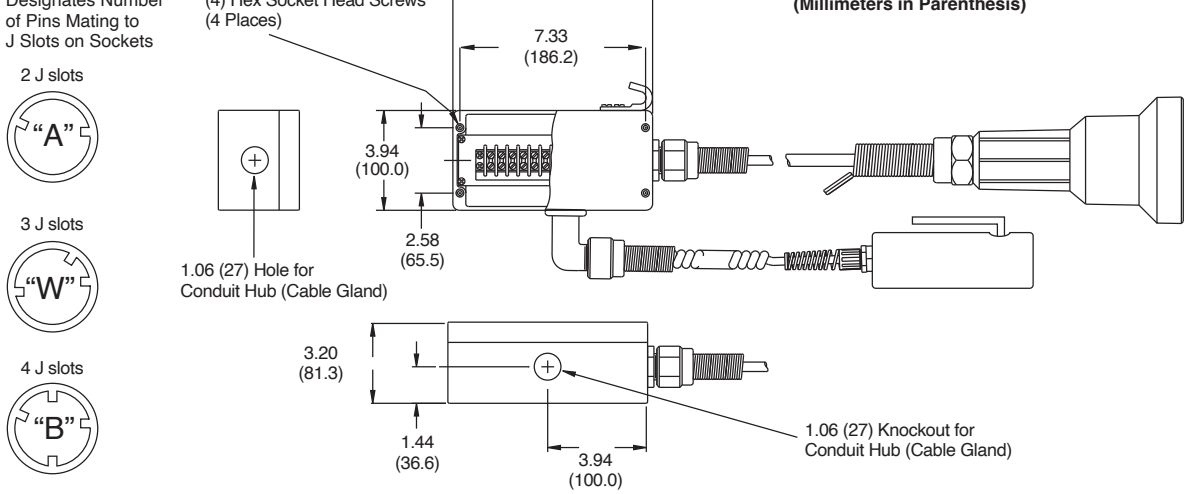
Plug and Cable Assemblies

scully

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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: Compatible with Intrinsically Safe systems.

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	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-8B	Intellitrol, ST-15	Green	10 pins, 4 J slots[1]	31494	32679		
SC-6	Intellitrol, ST-35	SAE J560-metal		20403	31107	07628	08603
Sculcon Junction Box for General Purpose Part #32319							

*The ST-47 can potentially be utilized with any Sculcon Model.

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

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