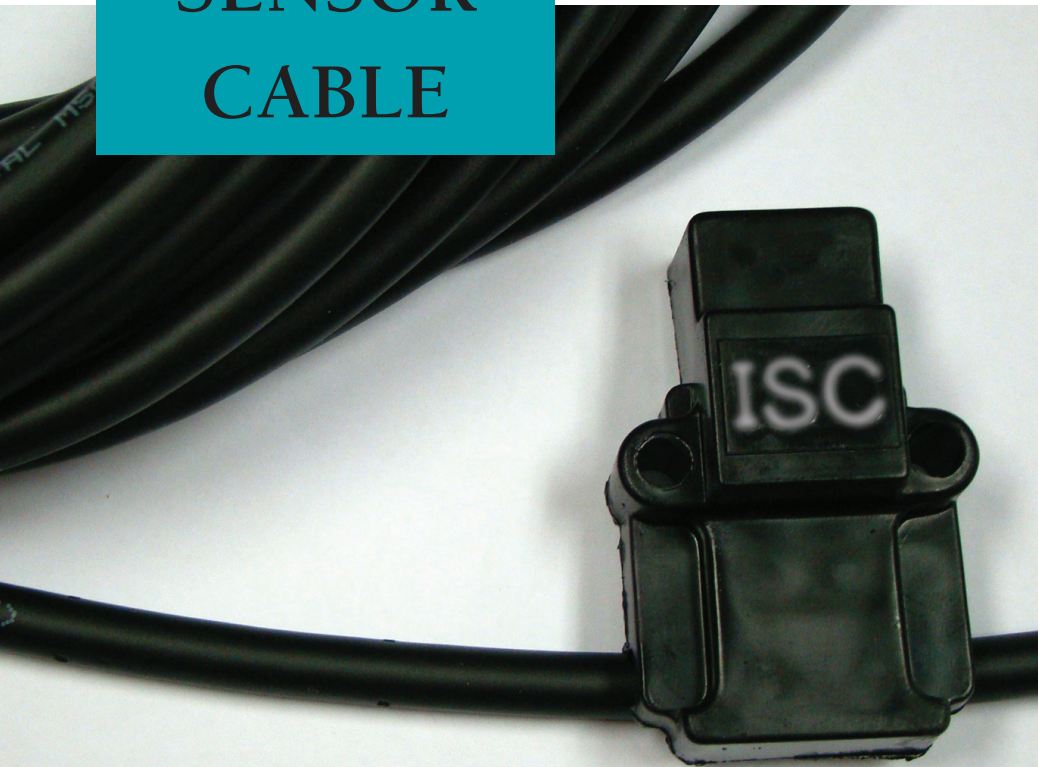


# ISC S-10 SENSOR CABLE



## SPECIFICATIONS:

**Description:** Special composite cable suitable for long-term outdoor use and direct burial. Nine conductors, with overall shield and drain and jacket.

**Conductors:** 8 insulated conductors of 22 AWG (7/30) tinned copper, irradiated cross-linked PVC (XLPCV) or PVC (IAW MIL-W-16878/17 Type B/N) and Nylon insulated, insulation 0.010" nominal wall thickness. Conforms to UL 1429 80C 159V, and irradiated MIL-W-168778/1-BFB Type B 105C 600V 1 insulated conductor (RED) 22 AWG (7/20) coated copper, Teflon insulation. Conforms to E22 (7) and MIL-W-16878/4-BFB-2 or MIL-W-16878/11, 600v 200/260 degrees Celsius.

**Core Spec:** Nine (9) insulated conductors (wires) and one (1) filler to form a cabled core with red conductor remaining on the surface of the bundle of nine for accessibility; nominal lay length shall be 2.0"±0.5.

**Separator:** Clear polyester tape separator over cabled core; 100% coverage.

**Drain Wire:** 22 AWG (7/30) tinned copper bare drain wire over core and separator.

**Shield:** Aluminum-Mylar tape shield, foil over the drain wire and core and separator.

**Cable Jacket:** Black colored PVC compound jacket with overall diameter of 0.300"±0.010"; wall thickness = 0.065" nominal. Compound is rugged, durable, flexible, suitable for direct burial and sunlight, and ozone resistant.

**Cable Diameter:** 280 nominal, .295 maximum.

**Marking:** ISC S-10 22 AWG DIRECT BURIAL MS(4). Marking shall be permanent and difficult to rub off.

Our durable S-10 sensor cable is designed to give you years of maintenance-free service. The cable is direct burial rated and UV resistant. Inside, the zone wires give strength and abrasion resistance while the sensor is attached to a Teflon-coated inner connector. Shielding and a ground wire prevent electrical interference.

The sensor is pre-assembled and attached to the sensor cable prior to shipment. The body is made with the highest quality fiberglass reinforced plastic. The inside

components are gold plated to military specifications to insure a non-corrosive highly sensitive mechanism. It is sealed with electrical grade adhesive for moisture resistance and strain relief. The included back plates and pins easily mount the sensor to the fence.



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