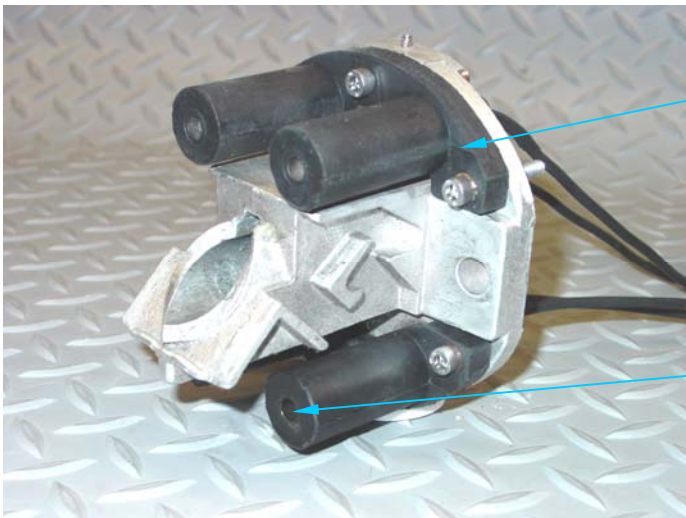


4 Wire Male Connector

1/4" diameter contacts with integrally molded, rain-tight sealing shoulders

Ground contacts (longer than other contacts) make first and break last

Molded Hypalon, thermosetting synthetic polymer



4 Wire Female Connector

Molded Hypalon, thermosetting synthetic polymer

1/4" I.D. female contacts recessed into face of connector, become rain-tight when mated with the male connector.

The molded female and male connector bodies shall be made of thermosetting synthetic polymer known as Hypalon.

The current carrying male contacts shall be 1/4" in diameter and are rated for 1 volt peak-to-peak. There shall be one male contact that is longer than all others which will allow it to make contact first and break last, providing optimum grounding performance. Four 1/4" contacts shall be provided. The fixture mounted thereto, shall be capable of performing all of its necessary functions using this configuration of contacts.

The current carrying female contacts shall be 1/4" I.D. and are rated for 1 volt peak-to-peak. All of these contacts shall be recessed from the face of the connector. Cored holes molded into the rubber face of the connector body are centered on each contact to create rain-tight seals when mated with the male connector.

The wire leads from both the male and female 1/4" diameter contacts shall be permanently and integrally molded in the polymer Hypalon body. These wires shall be constructed of #18/1 AWG Hypalon-jacketed wire.

The contacts shall be self-wiping with a shoulder at the base of each male contact so that it will recess into the female block, thereby giving a rain-tight seal when mated. These electrical contacts meet Mil Spec Q-9858 and Mil Spec I-45208.