

Model 190 ▲

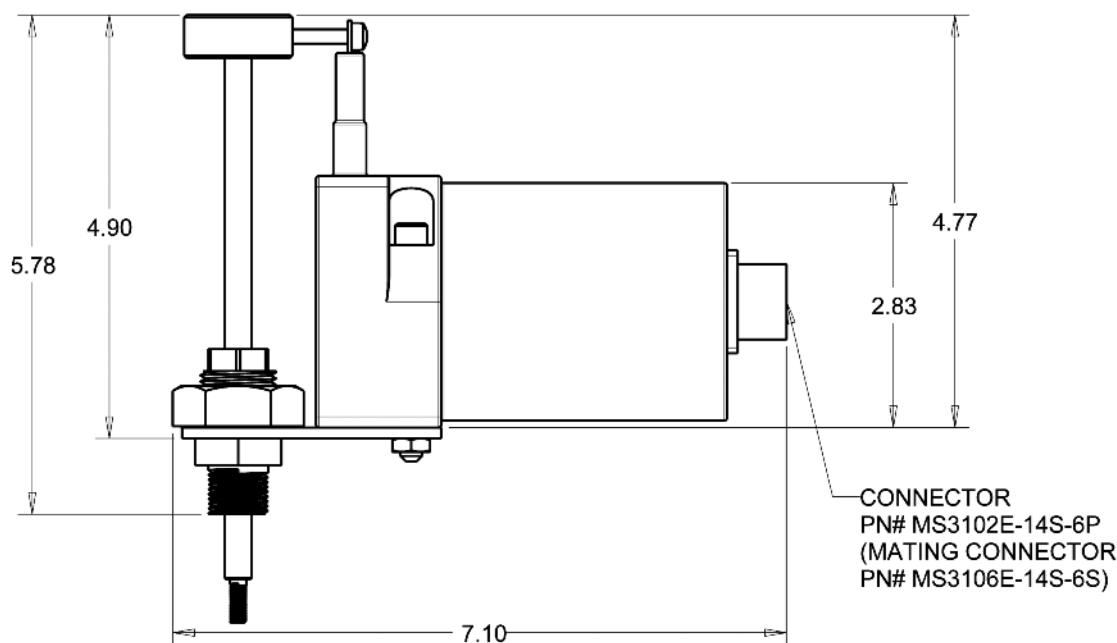
DESCRIPTION

MODEL 190 POSITION TRANSMITTER

- Provides 4-20mA signal, proportional to valve position.
- Installed without disassembly of valve.
- Enclosure is weatherproof NEMA 4 (IP-6S)

The Model 190 Position Transmitter is a device that uses movement of the valve stem to provide a 4-20mA analog signal proportional to the valve position. The signal increases as the valve opens. It consists of an adaptor threaded into the center port of the valve bonnet, a rod threaded into the main valve stem, a stem seal, and the transmitter unit. The position transmitter is linear, linked to the indicator rod with a stainless steel cable. The unit requires a user-furnished VDC power supply (typically 24VDC). It may be installed on virtually any OCV control valve, and can be done so without any disassembly of the valve itself.

MODEL 190 DIMENSIONS



VOLTAGE REQUIREMENT: 9-35 VDC (by user)

ANALOG OUTPUT: 4-20 mA into maximum 650 ohm load with 24 VDC power supply (max load = 50 (supply voltage - 9))

LINEARITY: $\pm 0.30\%$ full scale

REPEATABILITY: $\pm 0.15\%$ full scale

CONNECTION: Two-wire current loop

MATERIALS

Indicator Rod:	Monel
Adapter:	Stainless Steel
Mounting Plate:	Stainless Steel

NOTE: Factory recommended valve installation should allow for indicator rod to be in the vertical position.

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Position Transmitter 190