

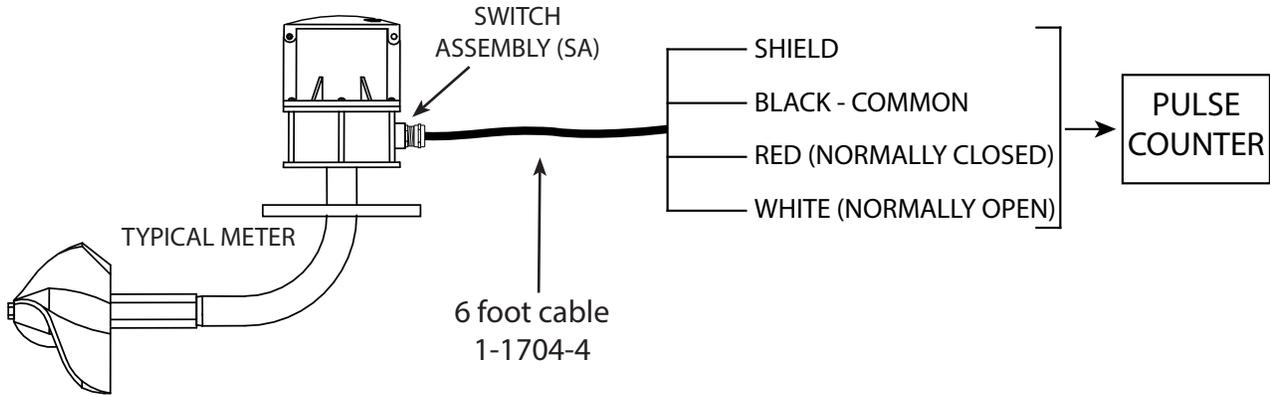


**MODEL SA100**

**SWITCH ASSEMBLY**

**DESCRIPTION**

The SA100 switch assembly is a single assembly mounted on top of the flowmeter beneath the register assembly. The switch assembly uses a fast acting direct drive system containing up to three geared wheels to provide a dry switch closure output at quantitative intervals determined by the meter multiplier.



The SA100 is contained in an aluminum housing, 4.25 inches in diameter and approximately 2 inches high.

**!** **IMPORTANT** Conduit information!

When conduit is used DO NOT connect the conduit directly to the SA100 junction box as this will allow moisture intrusion and void the warranty.

**SPECIFICATIONS**

**RATED CURRENT:** 5 A resistive at 115 VAC 60 Hz

**RATED VOLTAGE:** 28 VDC Maximum

**OPERATION TEMPERATURE:** -65 TO 180° F

- SWITCHING INTERVALS:**
- 1. Multiplier
  - 2. Multiplier / 10
  - 3. Multiplier \* 10

- EXAMPLE INTERVALS:**
- 1 Pulse per 10 Gallons
  - 1 Pulse per 100 Gallons
  - 1 Pulse per 1,000 Gallons
  - 1 Pulse per 10,000 Gallons

