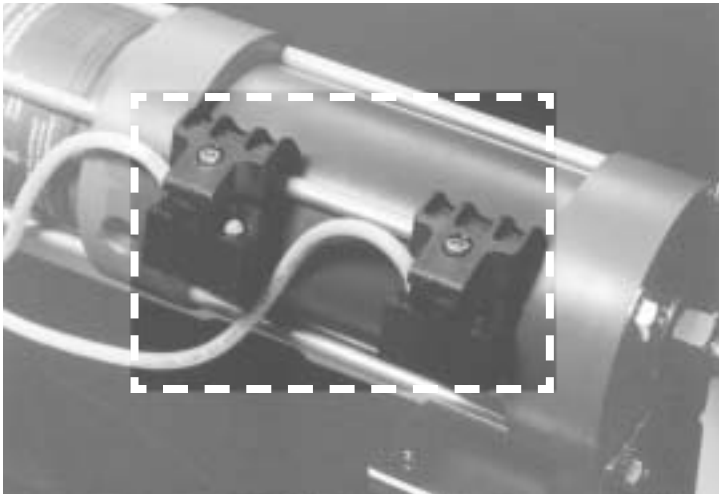


Proximity Sensors for Series VPA Metering Pumps



External switches with standard cable affixed to air cylinder side of Series VPA Metering Pump.

Proximity sensors are available to verify position on all metering pump sizes. These can be used to power a relay, signal a computer, or other process control. Switches are ideal to certify that the pump has discharged or retracted, or both.

Within the pump, a magnetic band is added to the piston head on the air side (non-wetted) and is a factory-installed item. The external sensors can be installed and positioned in the field.

Standard style reed switch, 5-240 VAC or DC, features Indicator Lights, NEMA 6 wash down compatible, normally-open, MOV surge suppression, thermoplastic (Ultem) housing, PVC wire and stainless steel fasteners. Universal clamp attaches to tie rods on pump cylinders. Proximity Switches are CSA listed for use with certified electrical equipment.

For custom switch information, consult factory.

Standard Proximity Switch Specifications

Switch Type: Reed Switch, MOV, LED. 2 wire

Function: Normally-Open SPST

Switching Voltage: 5-240V AC/DC 50/60 Hz

Switching Current: 1 Amp max./0.05 Amp min.

Switching Power: 30 Watts max.

Switching Speed: 0.6 ms operate/0.05 ms release

Voltage Drop: 3 volts

Cable: 9" standard PVC electrical cable

Part Numbering: Add "-RS" suffix to VPA part number