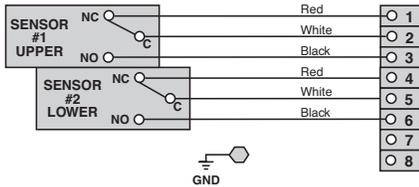


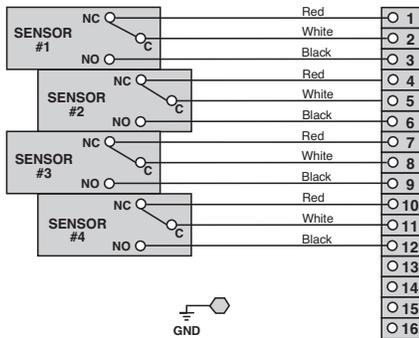


Magnum XT-90 Hermetically Sealed Proximity Switch

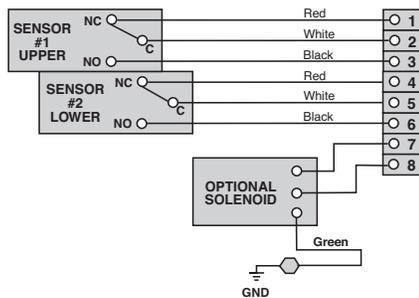
2 - SPDT Magnum Sensors with 8 Point Terminal Strip



4 - SPDT Magnum Sensors with 16 Point Terminal Strip



2 - SPDT Magnum Sensors with Solenoid and 8 Point Terminal Strip



Technical Data

Contact Arrangement	SPDT, Form C (Normally Open)
Contacts	Pure Tungsten
Operating Time	3.0 m Sec.
Initial Contact Resistance	0.50 ohms (Max.)
Seal	Hermetic
Housing (Flame Retardant)	High Impact Valox*
Approvals	UL, CSA
Temperature Range	-40°F to +185°F
Operational Life	600,000 Cycles (full rated load)
Repeatability	0.125 mm
Warranty	5 years
Protection Class	IP 67

Electrical Rating

Rhodium	SPDT Form C (Normally Open) 0.295 amps/120 VAC, 0.15 amps/240 VAC, 1 amp/24 VDC
Tungsten	SPDT Form C (Normally Open) 3 amps/120 VAC, 1.5 amps/240 VAC, 2 amps/24 VDC

Important Application Notes: For very low power sensing applications, Power \leq 240 mW (24 VDC @10 mA for example) Magnum sensors with Rhodium contacts, M12 (SPDT), MUST be used.

Magnum and Sensors Only PLC input modules utilize capacitors to filter out electrical noise. Newer, more sensitive designs have higher input impedances and lower operating currents and thus require higher values of capacitance for filtration.

If the DI card Capacitance \geq 0.01 μ F a resistor of appropriate size MUST be used in series with the switch contacts to prevent the capacitive discharge from damaging the switch contacts. As an alternative, specify the MagPAC. Please contact your sales representative for resistor sizing, capacitance measurement procedure and other required information.

Dimensions [mm]

