

Electrical Data

Standard reed switches in GEMS level and flow switch units are hermetically-sealed, magnetically actuated, make-and-break type. Switches are SPST or SPDT, and rated 20 VA. See the chart below for maximum load characteristics of GEMS level switches.

GEMS Sensors Inc. would be pleased to run life tests on our level or flow switches with your specific load, and issue a report indicating the approximate number of cycles that can be expected. U.L. Recognized Units: Switches showing a U.L. listing are rated for 10 VA or 20 VA as shown below.

Switch Rating – Maximum Resistive Load

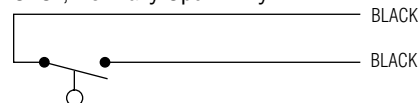
VA	Volts	Amps AC	Amps DC
10 General Use	0-50	.2	.13
	120	.08	N.A.
	100	N.A.	.1
20 Pilot Duty	0-30	.4	.3
	120	.17	.13
	240	.08	.06
50 ¹ General Use	0-50	0.5	0.5
	120	.4	.4
	240	.2	.2
100 ¹	120	.8 ²	N.A.
	240	.4	N.A.

Notes:

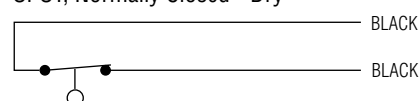
1. Level switch units with 50 VA and 100 VA switches are not U.L. Recognized or CSA Approved.
2. Limited to 50,000 operations.

Typical Wiring Diagrams

SPST, Normally Open - Dry



SPST, Normally Closed - Dry



SPDT, Shown Dry

