

BALL VALVE MANUAL LIMIT SWITCH (J-SWITCH®)



TECHNICAL SPECIFICATION:

Temperature limit:	150° F
Limit Switches:	2 SPST, Proximity
Max Voltage:	180 VAC/VDC
Max Current:	0.5A
Enclosure:	Glass-filled polypropylene
Fasteners:	304 stainless steel
Protection:	NEMA 4X
Electrical connection:	Cable gland w/ 2M flying leads

STANDARD FEATURES:

- Low profile
- Direct mount
- PPG NEMA 4X enclosure with stainless steel trim
- No switch adjustment needed
- Temperature limit of 150° F
- No tools required for installation

Contact Data		Unit
Rated Power (max)	10	W
Switching Voltage (max)	180	V
Switching Current (max)	0.5	A
Carry Current (max)	1.25	A
Contact Resistance (max)	150	mOhm
Breakdown Voltage (max)	0.25	kVDC
Insulation Resistance (typ)	10 ¹⁰	Ohm
Capacitance (typ)	0.3	pF

COMPATIBLE VALVES:

J-Switch® Size	Valve Size	Valve Type
1/2"	1/2"	Type-21, Type-23 (T-Port and Double-L Port only)
3/4" - 1"	3/4"	Type-21, Type-23 (T-Port and Double-L Port only)
	1"	Type-21, Type-23 (T-Port and Double-L Port only)
1-1/2" - 2"	1-1/4"	Type-23 only (T-Port and Double-L Port only)
	1-1/2"	Type-21, Type-23 (T-Port and Double-L Port only)
	2"	Type-21, Type-23 (T-Port and Double-L Port only)

J-SWITCH® WIRING DIAGRAM:

