

The Little General

MSPS, MSPH Series

Features

- ▶ Compact size
- ▶ Stripped and housed versions available
- ▶ Easy setpoint adjustment
- ▶ High reliability
- ▶ NEMA 1 & 4

Applications

- ▶ Pool & spa heaters
- ▶ Beverage dispensers
- ▶ Medical gas delivery systems
- ▶ General industrial applications



General Specifications*

Electrical Characteristics:	All models incorporate Underwriters' Laboratories, Inc. listed single pole double throw or single pole single throw snap-action switching elements.
Accuracy:	+/- 2.0% of the adjustable range
Switch:	See table below
Wetted Parts:	
Process Fitting:	304 stainless steel (standard)
Seals & Diaphragms:	Buna-N (standard)
Enclosure:	Anodized aluminum base plate; Polysulfone housing
Electrical Connection:	.250" wide x .032" thick quick connect terminals (via 1/2" NPT conduit connector on housed models)
Enclosure Ratings:	Housed models: NEMA 4 Stripped models: NEMA 1
Pressure Connection:	1/8" NPT male (standard)

* See product configurator for additional options.

Approvals:	
UL:	All models shown are UL recognized components under industrial control equipment, motor controllers, float and pressure operated (NKPZ2) files MH8147 and E42816.
CSA:	All models and modifications shown are CSA listed under Class 3231 02, File LR22355.
PED (European):	Compliant to PED 97/23/EC
Temperature Range:	
Operating:	+20° to +165°F (-7° to +74°C)
Adjustment Instructions:	Turn adjustment nut clockwise to increase and counterclock wise to decrease the set point.
Options:	-FDA approved diaphragm -Oxygen cleaning -Factory preset -NSF approved switch
Shipping Weight:	
Housed Versions:	0.5 lb. approximate
Stripped Versions:	0.25 lb. approximate

Electrical Rating

Limit Switch Class	Voltage (Volts)	Maximum Continuous Current (Amps)
		Inductive
EE, FF	125/250 VAC	3
MM	125/250 VAC	25
DD, JJ	125/250 VAC	15
DD, JJ	125 VDC	0.5
	250 VDC	0.25

Wiring Diagram

