

## LOW PRESSURE SWITCH

### DESCRIPTION

Fike offers an optional Low Pressure Switch (LPS), P/N 02-12533, for the purpose of continuously monitoring the container pressure for a low-pressure condition. If the pressure inside the container drops below 20 bar, the switch contacts will transfer and invoke a “trouble” indication on the control panel. The LPS has a single pole, double-throw switch that can be wired for normally open or normally closed states.



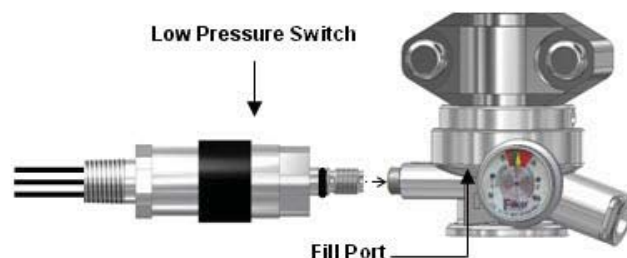
The LPS is an optional item for Impulse Valve containers. It may be ordered along with a configured Impulse Valve container or as a separate item. The design of the Impulse Valve allows a Low Pressure Switch to be installed on a fully pressurized container.

### SPECIFICATIONS

Temperature Limits:	0 to 54.4°C
Enclosure Classification:	NEMA 4
Contact Rating:	Single pole, double throw; 5 amps resistive, 3 amps inductive @ 30VDC (can be wired for normally open or normally closed operation)
Body Material:	Aluminum with irridite finish
Weight:	0.2 kg
Pressure Connection:	M10x1-6G
Electrical Connection:	15 mm
LPS Length (approx):	121 mm Long (including both connectors)
Wire Leads:	(3) 18 gauge x 1.2m long Violet (Common), Blue (N.O.), Black (N.C.)
Pressure Setting:	20 bar (decreasing)

### APPROVALS

- UL Listed - pending
- FM Approved - pending



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