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