

LOW PRESSURE SWITCH FOR FK-5-1-12

DESCRIPTION

Fike offers an optional Low Pressure Switch (LPS) for the purpose of continuously monitoring the container pressure for a low-pressure condition.

If the pressure inside the container drops below 450 psig (31 bar), the switch contacts will transfer and invoke a “supervisory” indication on the control panel.

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 LPS to be installed on a fully pressurized container without loss of agent or pressure.



APPROVALS:

- FM
- UL
- ULC

SPECIFICATIONS

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|--------------------------|---|
| Part Number | 02-15801 |
| Temperature Limits | +32 to +130°F (0 to 54°C) |
| Enclosure Classification | NEMA 4 |
| Contact Rating | Single pole, double throw; 5 amps resistive @ 30VDC (can be wired for normally open or normally closed operation) |
| Body Material | Aluminum |
| Pressure Connection | M10 x 1-6G |
| Electrical Connection | 1/2" NPT (15 mm) |
| LPS Length (approximate) | 4-3/8" (111 mm) Long (including both connectors) |
| Wire Leads | (3) 18 gauge x 4.0 ft. (1.2m) long Violet (Common), Blue (N.O.), Black (N.C.) |
| Pressure Setting | 450 psig (31 bar) (decreasing) |

