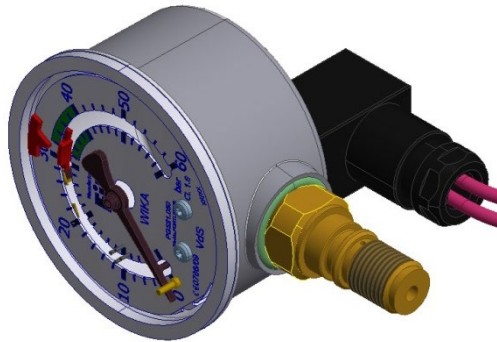
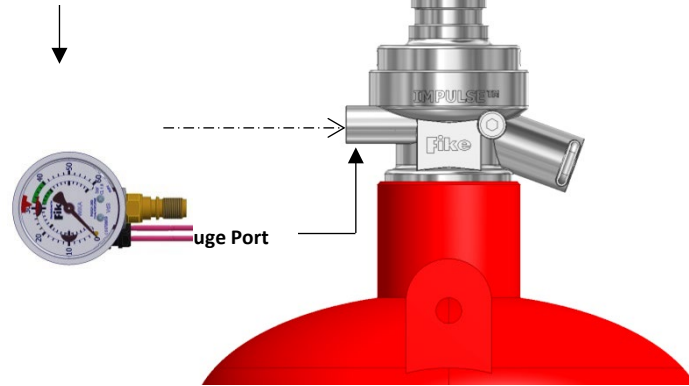


IMPULSE VALVE PRESSURE GAUGE W/ LOW PRESSURE SWITCH FOR 3M™ NOVEC™ 1230 FIRE PROTECTION FLUID



Pressure Gauge w/ Low Pressure Switch

Pressure Gauge w/ Low Pressure Switch



Low Pressure Switch Installation

Description

The pressure gauge is mounted to each container to provide visual indication of the container pressure. The pressure gauge scale is calibrated to show the actual pressure and is color-coded to show operating range, under-pressure range, and over-pressure range.

The low pressure switch is continuously monitoring the container pressure for a low-pressure condition. If the pressure inside the container drops below 32 bar, the switch contacts will transfer and invoke a “supervisory” indication on the control panel.

The pressure gauge / low pressure switch can be installed, removed or replaced on a charged container without removing the agent first

The pressure gauge / low pressure switch comes along with a configured Impulse Valve container or as a separate item that can be installed on a fully pressurized container without loss of agent or pressure. The switch is mounted in the fill port on the container valve.

Specifications

| | |
|-----------------------|-----------------------------------------------------|
| Part Number | 02-16800 |
| Type | Bourdon Tube Pressure Gauge c/w Low Pressure Switch |
| Temperature Limits | -20 °C to +50°C |
| Protection Rating | IP65 |
| Contact Rating | Single pole, 4.5 to 24VDC/VAC, 5 to 100 mA; 2.4 W |
| Pressure Connection | M10 x 1 |
| Electrical Connection | Angle plug EN 175301-803-C Plug / 2 wired |
| Wire Leads | (2) 18 gauge x 1 m long |
| Pressure Setting | Contacts open @ 32 bar, decreasing |

Approvals

VdS / Loss Prevention Certification Board (LPCB)

For exact certification listings, please reference the respective agency web site.

This document is only intended to be a guideline and is not applicable to all situations. Information is subject to Fike’s full disclaimer at <http://www.fike.com/disclaimer>.