

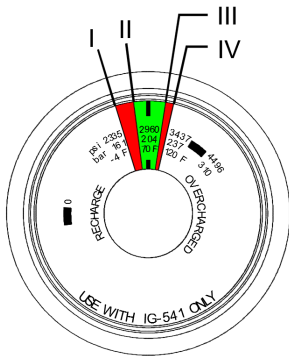
PROINERT®2 IG-541 PRESSURE GAUGE WITH LOW PRESSURE SWITCH



Description

Each Fike IG-541 ProInert primary cylinder is equipped with a pressure gauge and switch assembly to provide a visual pressure indication at the cylinder, as well as continuous cylinder pressure monitoring at the control panel. The pressure gauge assembly can be installed, removed or replaced on a charged cylinder without removing the agent first.

The gauge scale is calibrated to show the actual pressure and is color-coded to show the following pressure ranges.



Below I = Container is below the minimum operating temperature and must be recharged.

I to II (Red) = Container pressure is below 95% of normal operating pressure but container is still operable.

II to III (Green) = Container pressure is between 95% and 110% of normal operating pressure at 70°F (21°C)

III to IV (Red) = Container pressure is above 110% of normal operating pressure but container is still operable.

Over IV = Container is above the minimum operating temperature and is overcharged.

Specifications

Part Number	02-14013 – 2900 psi @ 59°F (200 bar @ 15°C)
	02-14014 – 4351 psi @ 59°F (300 bar @ 15°C)
Temperature Limits	-4°F to +120°F (-20°C to +49°C)
Process Connection	M10 x 1
Contact Rating	Single pole, 333 mA resistive @ 30 VDC
Wire Leads	(2) 18 gauge x 36" (0.91 m) long
Pressure Range	0 to 4496 PSI (0 to 310 bar)
Working Pressure	2960 PSI @ 70°F (204 bar @ 21°C)
Pressure Switch Setting	Normally open under pressure. Contacts close: @ 2335 psi (161 bar) falling for 200 bar cylinder @ 3480 psi (240 bar) falling for 300 bar cylinder
Material	Polycarbonate lens
	Brass Process Connection
	Stainless Steel Case
	EPDM Rubber Gasket
	Stainless Steel Bourdon Tube

Approvals

Underwriters Laboratories (UL)
Underwriters Laboratories of Canada (ULC)
Factory Mutual (FM)

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>.