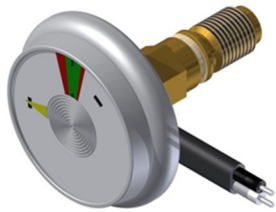


PROINERT®2 IG-55 PRESSURE GAUGES WITH LOW PRESSURE SWITCH



02-13131



02-14066

Description

The pressure gauge with low pressure switch is mounted to each 'Primary' cylinder to provide visual indication of the cylinder pressure, as well as continuous cylinder pressure monitoring. If the pressure inside the cylinder drops below the minimum operating pressure, the switch contacts will transfer and invoke a "Supervisory" indication to the control panel.

The pressure gauge with low pressure switch assembly can be installed, removed or replaced on a charged cylinder without removing the agent first.

Ordering Information

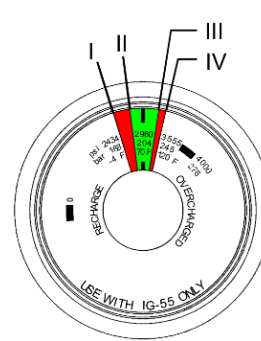
The pressure gauge can be ordered separately using the part numbers listed above or it can be ordered as part of the discharge valve completer kit. Refer to Data Sheet C.1.93.01.

Approvals

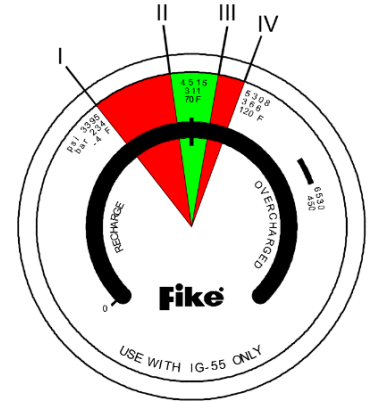
Underwriters Laboratories (UL)
 Underwriters Laboratories of Canada (ULC)
 Factory Mutual (FM)

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

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



02-13131



02-14066

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.

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>.

Specifications

Part Number	02-13131 (200 bar)	02-14066 (300 bar)
Temp Limits	-4°F to +120°F (-20°C to +49°C)	
Pressure Connection	M10 x 1	
Contact Rating	Single pole, 333 mA resistive @ 30 VDC	Single pole, 5-100 mA, max 3W load
Wire Leads	(2) 18 gauge x 36" (0.91 m) long	(2) 18 gauge x 8.5" (215.9 mm) long
Pressure Range	0 to 4000 psi (0 to 276 bar)	0 to 6530 psi (0 to 450 bar)
Working Pressure	2960 psi @ 70°F (204 bar @ 21°C)	4515 psi @ 70°F (311 bar @ 21°C)
Contacts	Normally open under pressure	
	Close at 2434 psi / 168 bar (falling)	Close at 3395 psi / 234 bar (falling)
Material	Polycarbonate Lens	
	Brass Process Connection	
	Stainless Steel Case	
	Stainless Steel Bourdon Tube	

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