

GREMLIN® PROPANE MONITOR SPECIFICATION (RF)

Characteristic	Transmitter
Dimensions	95mm (W) x 87mm (L) x 170mm (H) ±1mm
Weight	125g (excluding dial gauge)
Housing Material	UV Stabilized Polypropylene
Operating temperature	-30°C to 45°C / -22°F to 113°F (Note 1)
Storage Temperature	0°C to 25°C / 32°F to 77°F (Note 1)
Altitude range	<2Km above sea level
Environmental Protection	IP67 - Outdoors
Radio frequency	433.92 MHz FM (EU/UK/NZ/AUS) or 914.5 MHz FM (USA) options available
Radio output power	EU/UK/NZ/AUS 5dBm ±2dBm / US 0dBm ±2dBm
Receiver Sensitivity	N/A
Gauge Type	Rochester R3D/ Twinsite Hall Effect (Note2)
Gauge Resolution	Note 2
Power requirements	SAFT LST142503PF 3.6 V Primary lithium-thionyl chloride (non-replaceable)
Battery life	10 Years (not replaceable)
Humidity range	15% - 95%
LCD Display	N/A

Accessories

Screws (included)	No.8 X 19mm Panhead Pozi-drive Stainless steel

Conformity

EU/UK/NZ/AUS variants meet the intent of Directive 2004/108/EC for Electromagnetic compatibility, the Low voltage directive 2006/95/EC for product safety, the R&TTE directive 1999/5/EC for radio, and the requirements of the ATEX directive 2014/34/EU for potentially explosive atmospheres . Compliance was demonstrated to the following specifications as listed in the official journal of the European Communities. USA variants compliant to UL913 Intrinsically safe standards and FCC part 15 in UL approved test facility.

ATEX directive 2014/34/EU	II 2 G Ex ib IIA T4 (TRAC09ATE21221X)
UL913 Intrinsic Safety	Approved (USA variant) UL913 112970 Hazloc
EN 55022,A1,A2	Limits and methods of measurement of radio disturbance characteristics of information technology equipment.
EN 61000	Electromagnetic compatibility
EN 55011	Industrial, scientific and medical (ISM) radio-frequency equipment
EN 60335-1	Safety of household and similar appliances
EN 300 220-3	Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD)
ETSI EN 301 489-3	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC)
RoHs Compliance	Yes
FCC part 15 compliance	USA variant

Note 1: Storage and operation above 20°C may reduce battery life.

Note 2: ref Rochester Gauges Inc Data sheet DS-1318 (www.rochestergauges.com/pages/PDFs/DS_1318.pdf)