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Cert. No. QMS0720020347

SR 2025 WP WEATHER-PROOF 4-20MA XTR WITH DISPLAY ALARM RELAYS FLASHER HOOTER

THE INSTRUMENT

These Single Point Wall Mounted Instruments work on 18-24VDC and has a weather proof sensor housing fitted on a Junction box. They use an IP 55 enclosure for the electronics as standard. They are provided with two alarms both audible and visual along with relays and output of 4-20 mA. They are meant for continuous operation of area monitoring with continuous read out, plus vital status indicators

FEATURES

Type of sensors that can be connected are Electrochemical, NDIR, Pellistor, and Thermal conductivity depending on gas and application.

- Three Wand operated keys .
- Two Alarms audible and Visual along with acknowledge and reset buttons, both set points viewable from front face using a wand.
- One Fault alarm
- One NO,C,NC potential free relay contact per alarm
- 4-20 mA Output for PLC, DCS etc.

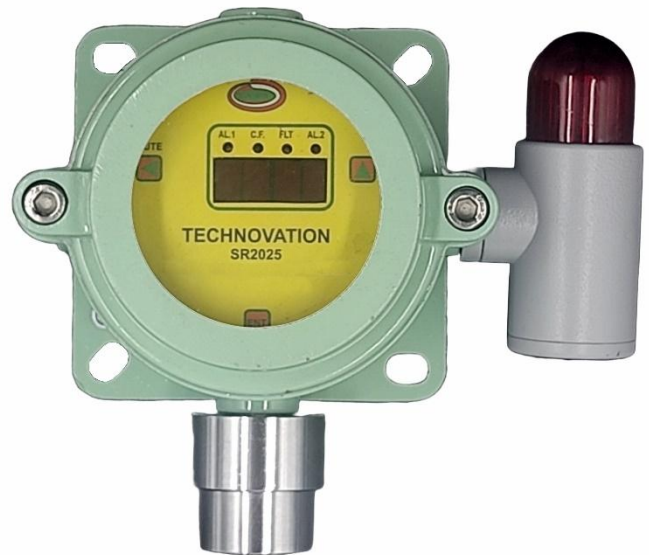
APPLICATIONS

Used in slightly unprotected atmospheres in plant for instrumentation, for detection of toxic gases in work places or enclosed spaces for safety of personal

STANDARD SPECIFICATIONS

Display : 3 1/2-digit LED, 12 mm high
 Sensor : Electrochemical type, expected life over 24 months. NDIR, TC,
 Working Temp : 0-45 °C
 Accuracy : ± 5% at constant temp.
 Overall size : 150 x 150 x 120 mm deep
 Output : 4-20 mA (Max load 470 Ohms)

Single Point Surveillance 4-20mA transmitter



TECHNOVATION® MODEL SR 2025 WP

STANDARD SPECIFICATIONS continued

Relay Ratings : 50VA resistive load Power Supply : 18-24 VDC specify while ordering
 Instrument Case : IP54 Aluminium
 Gas & Range : Any one as in Table Below, to be specified while ordering.
 Calibration : By Calibration gas or Sensor

ACCESSORIES

Wand : Provided

OPTIONAL EXTRAS

Weather shade (Sensor Hood)

Typical Gases and Ranges on offer. Please consult us for your specific requirements

GAS	RANGE	RESOLUTION	GAS	RANGE	RESOLUTION
O ₂	0 - 25 %	0.1%	SO ₂	0 - 20 ppm	0.1ppm
CO	0 -1000 ppm	1ppm	CL ₂	0 - 50 ppm	0.1ppm
H ₂ S	0 -100 ppm	0.1ppm	NO	0 - 50 ppm	0.1ppm
H ₂	0 -1999 ppm or 2 %	1 ppm or 0.01%	H ₂ CN	0 - 30 ppm	1ppm
NO ₂	0 - 100 OR 1000 ppm	1ppm	ETO	0 -100 ppm	0.1ppm
O ₃	0 - 1 ppm	0.01 ppm	R134 A	0 - 2000 ppm	1ppm
C ₂ H ₄	0 - 1500 ppm	1 ppm	BINARY GASES BY THERMAL CONDUCTIVITY		
CO ₂	0 - 5, 0 - 20, 0 - 100%	0.01, 0.1%			
CH ₄	0 - 5, 0 - 100 %	0.01, 0.1%	OTHER GASES & RANGES ON REQUEST		