

Combustible Gas Detector Catalytic Bead Model C920L Series



C920L - LED Display



C920L - LED Display
With Light and Sound Alarm

*EASE AT INSTALLATION AND MAINTENANCE
FLEXIBLE FOR INDUSTRY STANDARD PROTOCOLS
THE RIGHT CHOICE FOR YOUR GAS DETECTION APPLICATION*

Combustible Gas Detector – Catalytic Bead C920L Series

MAKING INSTALLATION AND EVERYDAY OPERATION EASY

The C920L Series is full-featured 4-20mA, loop powered transmitters especially designed for comprehensive ranges of combustible gas detection. The interface enables the detector to be calibrated and operated with the explosion-proof enclosure in place. Universal electronics and user-friendly features make the C920L ease of maintenance, cost effective, and suitable for various industries.

PRODUCT SPECIFICATION

SPECIFICATIONS

Operating Voltage	10-30 VDC (24 VDC nominal)
Power Consumption	< 2.0 Watts
Enclosure Material	Aluminum
Enclosure Ingress Protection	IP 67
Terminal Junction Box Connection	3/4" NPT
Communication	4–20 mA
Response Time	T90:<30S
Alarms	Programmable alarms
Relays	3A 250VAC, 3A 30VDC
Display	4-digit LED 7 segments Display indicates status Normal, Fault, Low Alarm, and High Alarm Display provides simple, intuitive calibration instructions and guides user through the calibration
Languages	English

ENVIRONMENTAL

Operating Temperature	-40° to 70° C
Humidity	(10-95)% RH (non-condensing)
Storage Temperature	-55° to 70° C

APPROVALS

Area Classification	ATEX (Ex d II CT6Gb)
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INSTALLATION

Weight	1.38 kg
Wiring	3-wires

SENSOR SPECIFICATION

Sensor Type	Catalytic Bead
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The C920L is available in full-range of combustible gases:

Acetaldehyde	Decane	Isobutane	Pentane
Acetone	Diethyl Ether	Isobutylene	Propane
Acetylene	Ethane	Isopentane	Propylene
Ammonia	Ethanol	Isopropanol	Propylene Oxide
Benzene	Ethyl Acetate	Methane	Styrene
Butadiene	Ethylbenzene	Methanol	Tetrahydrofuran
Butane	Ethylene	Methyl Chloride	Toluene
Butanol	Ethylene Oxide	Methylene Chloride	Xylene
Butyl Acetate	Heptane	Methyl Ethyl Ketone (MEK)	
Chlorobenzene	Hexane	Octane	
Cyclohexane	Hydrogen	Octamethyl Trisiloxane	

Distributed By:



Canadian Safety Co., Ltd.

11781 Cascade Drive Delta

B. C. Canada V4E 3C3

Tel: (+1) 613 555 0122

info@cs-canadiansafety.com