

NEMA 4X IP66 DETCON Gas Detection 985-525420-100 FP-524D LEL Catalytic Bead Gas Detector

Our Product Introduction

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Basic Information

- Place of Origin: USA
- Brand Name: Detcon
- Certification: CSA/NRTL
- Model Number: 985-525420-100 FP-524D
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Sensor Life: 3 To 5 Years Typical
- Measurement Range: 0-100% LEL (lower Explosive Limit)
- Zero Drift: <5% Per Year
- Ingress Protection: NEMA 4X, IP66
- Operating Pressure Range: Atmospheric $\pm 10\%$
- Power Input: 12-28 VDC
- Accuracy/Repeatability: $\pm 3\%$ 0-50% LEL; $\pm 5\%$ 50-100% LEL
- Response/Clearing Time: T50 <10 Seconds; T90 <30 Seconds
- Highlight: **NEMA 4X DETCON Gas Detection, IP66 DETCON Gas Detection, LEL Catalytic Bead Gas Detector**



More Images



Product Description

Detcon 985-525420-100 FP-524D LEL Catalytic Bead Gas Detector

Detcon Model FP-524D is a "Smart" gas detection sensor designed to detect and monitor combustible gas in air over the range of 0-100% LEL (lower explosive limit) using matched-pair catalytic bead technology.

Model FP-524D features Detcon's MicroSafe™ intelligent electronics, non-intrusive operator interface and comprehensive fault diagnostics. The sensor transmitter features an advanced universal design that fits all existing Detcon matched-pair catalytic bead sensors dating back more than 20 years. The sensor assembly includes the detector in stainless steel housing, a base connector board, an explosion proof enclosure (available in aluminum or stainless steel), a plug-in control transmitter circuit, and a splashguard with integral cal port. The packaging is Explosion Proof (Class I, Div. 1 Groups B, C, D).

Model FP-524D is equipped with a standard analog 4-20 mA current signal equivalent to the sensor range of detection, one-man remote calibration, self-adjusting zero and span, and LED indicators for fault and calibration status.

A HART communications option is also available. Detcon's combustible gas sensor has an infinite shelf life and is supported by a 2-year warranty

Features Failsafe User-Friendly Interface

Certified to both CSA and ISA performance standards

CSA-US approved for Class I, Division 1, Groups B, C, & D

Transmitter design fits all existing Detcon Catalytic Bead Sensors dating back 20 years

Simple menu driven calibration - less than 3 minutes

LED display and LED indicators for FAULT and CAL status

Plug-in field-replaceable transmitter

Long sensor life expectancy: averaging longer than five years in harsh offshore drilling/production environments

High resistance to poisons such as sulfides, chlorides, silicon-based contaminants etc.

Low power consumption (less than 3.5 watts versus 8+ watts on competitive brands)

Extensive Fault diagnostics

Applications

Oil and Gas Drilling Rigs

Oil and Gas Production Sites

Offshore Production Platforms

FPSOs

LNG/CNG Plants

Refining and Petrochemical

Pulp and Paper Mills

Waste Water Treatment Plants

