TOCSIN³ By OTIS

OI-315-CO-AUS Aviation Cockpit Monitor

Carbon Monoxide Portable Monitor

The OI-315-CO-AUS Carbon Monoxide Personal Monitor is a durable, personal safety device designed to detect the presence of carbon monoxide in ambient air. When activated, the OI-3I5-CO-AUS detects the presence of CO and alerts the user with visual, vibrating and audible alarms.

Features a belt clip for easy attachment to shoulder harness or personal clothing. Velcro attachment is also available to conveniently mount the monitor to the cockpit's dash.

Gas Type	Range	T_{90}
CO	0-500 ppm	< 30 sec.

Product Features

- Polycarbonate Enclosure with Rubber Covering for Shock Protection

- IP67 Water and Dust Proof Rating

- High Performance Audible, Visual and Vibration Alarms

- LCD Display with an LED Back Light

- Automatic System Diagnostics

- Internal Data-Logging for up to 20 Events

- ATEX Intrinsic Safety Certification

- Adjustable Alarm Set-Points

- User-Replaceable Sensor Element and Battery

- Operating Humidity Range of 5% to 95% RH (Non-Condensing)

- 2-Year Limited Hardware Warranty

OTIS INSTRUMENTS INC.

Distributed By: Control Equipment Pty Ltd

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OI-315-CO-AUS Product Specifications

Product Specifications	
Sensor Type	Electrochemical
Operating Power	CR2 Lithium Battery (3V)
Measuring Type	Diffusion
Operation Mode Display	Visual: Digital LCD Display, Trouble Red LED
Programmable Set Mode	Alarm Value (1, 2 Alarm) Time Set Calibration Density Setting
Alarm Display	Visual: Alarm and Status Icon, Trouble Red LED Audible: Buzzer
Measuring Value Display	3-Digit LCD Display
T_{amb} Temperature Range	-20ºC to +50ºC (-4ºF to 122ºF)
Alarm Level Set	Programmable with Detection Range
Internal Data Log	Event Log: 20 Data
Hazardous Location Certification and Approvals	Ex ia IIC T4 IP67 (KGS, ATEX)
Mounting Type	Belt Clip or Velcro
Operating Humidity	5% to 95% RH (Non-Condensing)
Enclosure Material	Rubber Polycarbonate/TPE
LCD Size	27 W x 17.5 H mm (1.06 in. W x 3.58 in. H x 1.65 in. D)
Product Dimensions	54 W x 91 H x 42 D mm (2.13 in. W x 3.58 in. H x 1.65 in. D)
Weight	120 g
Part Number Formula	OI-315-CO-AUS

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