1-53836-K269

OMD Mk7 detector

Product overview

The Mk7 detectors use optical sensing; (light scatter) as it's detection method and continually monitors the oil mist density in the crank space to which it is connected. In addition, the detector automatically performs self-checks for any internal faults. The control unit interrogates each detector in turn, identifying the position connected at the control unit, the oil mist density value and determines the status of the detector.



Details

- Engine mounted
- Suitable for both 2 stroke and 4 stroke engines
- Uses optical sensing (light scatter)
- Intelligent stand-alone device
- Measures oil mist density and transmits level to the control unit
- Continuous fault and oil contamination monitoring
- Each detector monitors a single crank space
- Eliminates need for external engine pipework
- No requirement for a compressed air supply

1-53836-K269
OMD Mk7 detector

Technical specifications

General

Status indication	Green: power on, Red: alarm, Amber: fault LED’s

Electrical

Power consumption	1.5 W

Detection

Detection principle	Light scatter
Sensitivity	0.1 to 3.6 mg/l
Particle sensitivity range	0.1 to 5 µm

Sampling pipe

Length	83 mm

Physical

Physical dimensions	153 x 90 x 205 mm (L x W x H, physical) 220 x 160 x 90 mm (L x W x H, shipping)
Net weight	0.5 kg

Environmental

Operating temperature	0 to +70°C
Storage temperature	-20 to +60°C
IP rating	IP65

Regulatory

Standards	IACS M10 / M67

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 21 August 2026 - 14:44