1-D5622-001

OMD Mk6 detector head replacement

Product overview

As all detectors operate independently, the loss of one detector through a fault does not affect the operation of the remaining system. Individual detectors, or engine groups, can be isolated from the system for maintenance while the rest of the system remains in operation.

The Mk6 detector head allows the active detector electronics to be replaced without the need to remove the detector base from the engine.

The Mk6 detector head is fitted to the base by two Allen head screws allowing the head to be quickly replaced in the event of a failure, minimizing the downtime for that detector.

A suitable replacement for any version of the OMD Mk6 detector.



Details

- Replacement detector head for the OMD Mk6 system
- Replaces an existing detector head without the need to remove the detector base
- Uses optical sensing (light scatter)
- Measures oil mist density and transmits level to the control unit
- Continuous fault and oil contamination monitoring

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Technical specifications

General

Status indication	Green: power on, Red: alarm, Amber: fault LED's
Alarm levels	Average Alarm: 0.3 mg/l to 1.3 mg/l, Deviation alarm: 0.05 mg/l to 0.5 mg/l, Back-up: 1.6 mg/l (fixed)
Addressing method	Rotary switch

Electrical

Power consumption	2.8 W

Detection

Detection principle	Light Scatter
Sensitivity	0.1 to 2.6 mg/l
Particle sensitivity range	0.1 to 5 µm

Sampling pipe

Length	83 mm

Physical

Physical dimensions	88 x 115 mm (Ø x H) 110 x 100 x 135 mm (L x W x H, shipping)
Net weight	0.5 kg
Colour	Black

Environmental

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

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