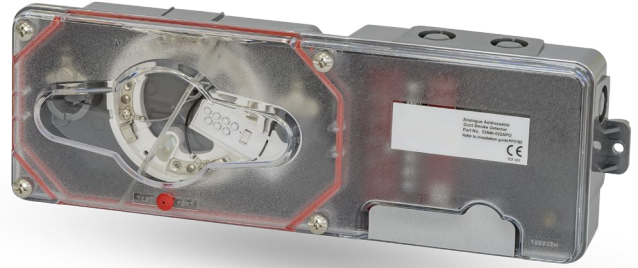


MB-DUCT | Mounting Probe Unit

MB-DUCT is a chamber used to house base and detectors installed ventilation ducts. The unit is placed on the external skin of the duct, with sample and exhaust probes passing through the duct in areas of low turbulence



System Functionality:

The presence of smoke in a ventilation duct is detected by sampling the airflow through the duct via two sampling tubes. The unit requires an analog optical sensor or conventional optical detector and corresponding base and is supplied with full fixing instructions.

Features & Benefits:

- One unit for addressable and conventional smoke detectors
- Easy testing without removing the lid
- Requires regular service to avoid accumulation of dirt

Technical Specifications:

Code	MB-DUCT
Description	Duct Mounting Probe Unit
Standards	EN54-23, TR TC EAC 043-2017

Specification

Duct Width Range	300mm to 1500mm
Duct Air Speed Range	1m/s to 20m/s Detector $\pm 0.8^\circ$ Prism $\pm 5.0^\circ$
Optical Wavelength	880nm

Environmental

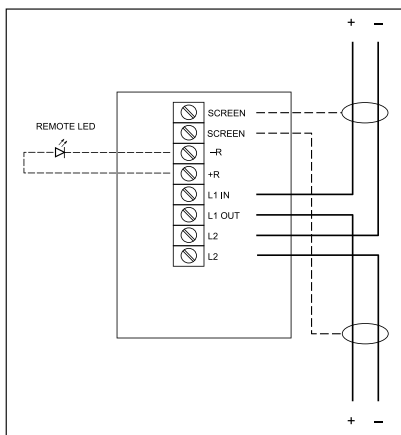
Environmental Operating Temperature	$(-20) - 49^\circ\text{C}$
Humidity (Non-Condensing)	0 - 93% RH

Physical

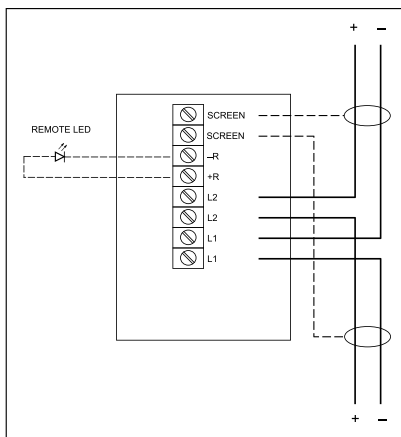
Construction	PC/ABS
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Compatibility

Suitable for Use With	MTech Analog Addressable Detectors
	MTech Conventional Detectors
	Apollo Conventional Detectors
	Apollo Analog Addressable Detectors



Wiring diagram for conventional detectors



Wiring diagram for analog addressable detectors



Order Code:

MB-DUCT