

# MM 2351 Ex

Optoelectric smoke detector



## Description

Combined photoelectric and temperature detector with automatic reset and photoelectric sensor sensitivity adjustment. Usually connected to a safety system control panel as an optional fire detector.

New intelligent fire detector is composed of detector head EPS and a base. Electronic circuit in the base automatically resets the detector unit.

This detector can be manufactured for temperature in range from 58°C to 90°C.

The housing is made of ABS plastic with a graphite coating to prevent accumulation of surface electric charge.

This detector unit can be used in zone 2. Intrinsic safety is ensured by the power supply unit and separation relay in Ex ia variation.

Type **MM 2351 Ex**



## Features

Orange LED signals dirty or faulty sensor

Automatic dust compensation

Option for low, moderate or high sensitivity

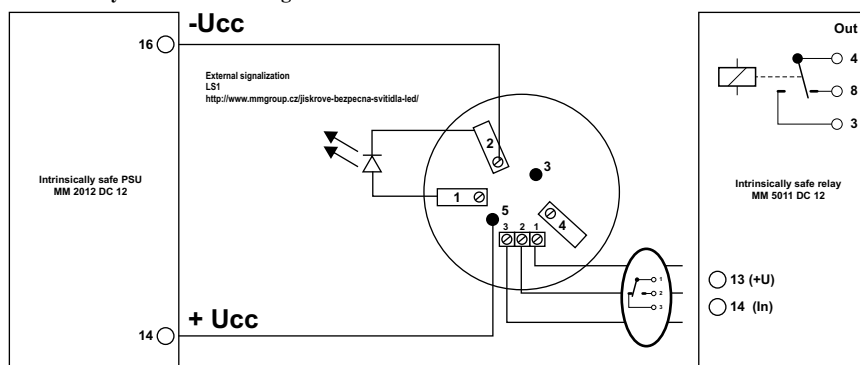
Dual color LED signalization

Base compatible with line 100 and 300

Panel can possibly

- read detector type
- read value from photoelectric sensor
- read/write maintenance data
- read manufacture date
- remotely activate detector

## Intrinsically safe circuit wiring - basic



## Specifications:

Range radius	6 m
Installation height	max 7,5 m
Activation temperature	A1R 58°C to 90°C (according to customer requirements)
Ambient temperature	-20 to A1R-10°C
Output	open/closed
Reset	automatic
Photoelectric sensitivity	low, moderate and high
Automatic compensation	according to environment
Alarm indication	red LED, contact
Normal function indication	green LED
Power supply	intrinsically safe PSU 10 - 17 V
Quiescent current	0,2 mA
Alarm current	43mA
Alarm output	contact supplied by intrinsically safe relay 10 V/20 mA
IP protection	Ip23
Dimensions	diameter 127 mm height 60 mm
Weight	205 g
Classification	II 3G Ex ic IIB T5 Gc, II 3D Ex ic IIIA T=100°C Dc
Internal Ex fuse	62 mA
Ui	16,8 V
Ci	0
Li	0

# MM 2351 Ex

Požární opticko kouřový inteligentní detektor  
Conventional optical smoke detector



## Vrtací otvory pro uchycení patice

