

**MA-320** is an optical (photoelectric) smoke detector designed for MA analog addressable fire systems, providing fast response to slow burning or smoldering fires with visible smoke particles.



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## System Functionality:

- Operates on low current, has built-in short circuit isolators
- Advanced LED design with a 360° view indicating the status of the detector;
- Illuminates continuously during fire conditions
- Flashes to confirm communication with the control panel
- Soft addressed
- Single address

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## Features & Benefits:

- Quick and simple to install, operate and service
- Simple clean design
- Cable entry from rear or side of base
- Removable detector chamber
- Wiring via common mounting base
- Drift compensation
- Positive lock indicator to ensure detector is properly installed on base
- Two-second start-up and reset time



**Technical Specifications:**

<b>Code</b>	<b>MA-320</b>
<b>Description</b>	Analog Addressable Optical Smoke Detector, UROX.S36306
<b>Standards</b>	UL268 6th edition, EN54-3, SII1220, TR TC EAC 043-2017

**Specification**

<b>Operating Voltage</b>	18V dc to 30V dc
<b>Standby Current</b>	220µA (max)
<b>Alarm Current</b>	5mA (max)
<b>Addressing Mode</b>	Auto address
<b>Mounting Position</b>	Ceiling in open areas
<b>Mounting Options</b>	Addressable MA-300 detector base
	Addressable MA-BS sounder base
	Addressable MA-BSH sounder beacon base
<b>Area Coverage</b>	100m <sup>2</sup> (subject to local standard)
<b>System Wiring</b>	Min. 1.5mm, 2 core loop or spur
<b>Indication</b>	360° visibility light pipe

**Environmental**

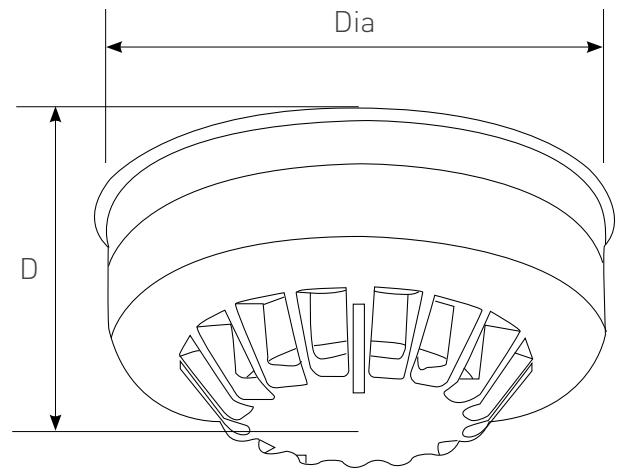
<b>Environmental Operating Temperature</b>	0 - 49°C
<b>Humidity (Non-Condensing)</b>	0 - 93% RH

**Physical**

<b>Construction</b>	PC/ABS
<b>Colour</b>	White
<b>Weight</b>	0.120 kg

**Compatibility**

<b>Suitable for Use With</b>	MTech MA Analog Addressable Fire System
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**Dimensions:**

**Dia.** 101 mm | **D.** 43 mm | **D (Incl. Base).** 55 mm



**Order Code:**

MA-320