0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

MT60 MONOLITHIC SIGNAL TOWER

MT60-M12-24V DC 24 V DC red/yellow/green, white M22 with 5-pin M12 connector



- Pre-assembled entry level signal tower for ready-to-go installation
- Excellent circular light distribution to prevent blind spots
- · Transparent lens to prevent wrong signaling indication caused by external light interferences
- . The Monolithic lens allows for easy cleaning and withstands powerful water jets, due to its IP66 rating.
- · Fixed, seperared colour positions(green/yellow/red) with steady light and escalation options, including flashing red and/or sound



PRODUCT DESCRIPTION

The MT60 Monolithic Signal Tower is an innovative and cost-effective solution for industrial signalling. Combining high-quality materials with energy-efficient LED technology, it delivers optimal performance while maintaining a sleek, compact design. The transparent lens enhances both functionality and aesthetics, ensuring clear signalling when active and a subtle presence when off. This robust device is designed to meet the demanding requirements of modern industrial environments, offering flexible options for both visual and auditory alerts.

Key Features

- · Compact and Sleek Design:
 - The tower's 60mm diameter and monolithic structure make it ideal for confined spaces or modern workspaces where aesthetics and practicality are equally important.
- · Advanced LED Technology:
- High-performance coloured LEDs ensure excellent visibility and long-lasting performance. The transparent lens allows the signal tower to blend into the environment when not in use
- Optional Sound Integration:
 - A 70 dB acoustic module is available for environments requiring additional auditory alerts, ensuring critical signals are noticed in noisy settings.
- Flexible Power Options:
 - Available in multiple voltage configurations, including 24V DC, 110V AC, and 230V AC, to meet diverse operational requirements.
- · Durable and Reliable Construction:
- Built to withstand harsh conditions with an IP66 rating for resistance to dust and water, and an operational temperature range of -25°C to +50°C. Installation and Connectivity
 - Versatile Mounting Options:
 - Designed for easy installation, the MT60 supports surface, tube, and wall mounting, ensuring adaptability across various work environments.
 - · Quick and Efficient Wiring:
 - Compatible with M12 connectors for simple and secure electrical connections, reducing setup time and potential wiring issues.

Applications

The MT60 is highly adaptable and suited to a range of industries, including:

- · Manufacturing: Ensures efficient communication on production lines.
- Pharmaceuticals: Provides reliable signalling in controlled environments.
- Food and Beverage Processing: Operates effectively in humid and temperature-sensitive conditions.
- · Logistics and Packaging: Enhances operational safety and coordination.

Advantages of the MT60

- Cost-Effective Solution:
 - Preassembled design eliminates the need for additional assembly, saving time and money.
- Energy-Efficient Operation:
- Utilises LED technology for reduced energy consumption and extended lifespan.
- Robust construction and long-lasting components minimise downtime and servicing requirements.
- . Enhanced Safety:

Combines visual and acoustic alerts to ensure important signals are noticed, even in challenging environments.

Why Choose the MT60?

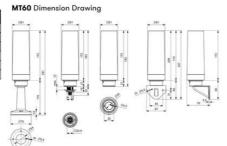
The MT60 Monolithic Signal Tower offers a balance of durability, efficiency, and versatility, making it a reliable choice for diverse industrial signalling needs. Whether in high-volume production facilities, controlled laboratory environments, or demanding outdoor conditions, the MT60 provides a dependable solution with minimal maintenance. Its flexible installation options, energy-efficient operation, and robust design make it an ideal fit for companies seeking to enhance operational safety and communication without compromising on aesthetics or cost-effectiveness.

TECHNICAL DATA

DATA

Lens colour	White		
Housing Colour	White		
IP class	IP66		
Supply voltage	24 V		
Mounting	Single hole mounting Ø22.5mm		
Temperature operational min	-25 °C		
Temperature operational max	50 °C		
Diameter	61 mm		
IK class	7		
Height	172 mm		
Nominal current	3 mA		

INPUT						
M12 Male Connector PIN	Terminal block	MT60-F100 MT60-W	MT60-M12-24V DC	MT60-M12-S-24V DC		
3	0	common	common	common		
4	1	green steady	green steady	green steady		
1	2	yellow steady	yellow steady	yellow steady		
2	3	red steady	red steady	red steady		
5	4	red blinking	red blinking	tone pulsing		
	6	tone pulsing				



M12 Male Connector PIN	Terminal block / Input	MT60-F100 MT60-W	MT60-M12-24V DC	MT60-M12-S-24V DC				
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4	1	green steady	green steady	green steady				
1	2	yellow steady	yellow steady	yellow steady				
2	3	red steady	red steady	red steady				
5		red blinking	red blinking	tone pulsing				
	6	tone pulsing [optional]	-					

MT60 Dimension Drawing

