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#### MT60 MONOLITHIC SIGNAL TOWER

MT60-W-S-24V DC 24 V DC red/yellow/green, white with vertical bracket and integrated sounder



- 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?

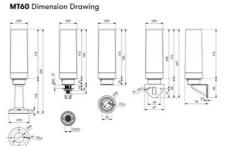
The MT60 Monolithic Signal Tower offers a balance of durability, efficiency, and versatility, making it a reliable choice for diverse industrial signalling needs. Whether in high-volume production facilities, controlled laboratory environments, or demanding outdoor conditions, the MT60 provides a dependable 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
Sound level max	75 dB
Supply voltage	24 V
Mounting	Wall
Temperature operational min	-25 °C
Temperature operational max	50 °C
Diameter	61 mm
IK class	7
Height	237 mm
Nominal current	3 mA

M12 Male Connector PIN	Terminal block	MT60-F100 MT60-W	MT60-M12-24V DC	MT60-M12-S-24V
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 5	4	red blinking	red blinking	tone pulsing
	6	tone pulsing (optional)		



M12 Male Connector PIN	Terminal block / Input	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		red blinking	red blinking	tone pulsing			
	6	tone pulsing [optional]	-				

# MT60 Dimension Drawing

