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MT60 MONOLITHIC SIGNAL TOWER

MT60-F100-24V DC 24 V DC red/yellow/green, white with tube base



- · Pre-assembled entry level signal tower for ready-to-go
- 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.
- Low Maintenance:
- 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?

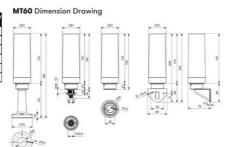
The MT60 Monolithic Signal Tower offers a balance of durability, efficiency, and versatility, making it a reliable choice for diverse industrial signalling needs. Whether in high-volume production facilities, controlled laboratory environments, or demanding outdoor conditions, the MT60 provides a dependable 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

Mounting	Tube base
IP class	IP66
Supply voltage	24 V
Temperature operational max	50 °C
Temperature operational min	-25 °C
Lens colour	White
Housing Colour	White
Diameter	61 mm
Height	291 mm
IK class	7
Nominal current	3 mA

INPUT					
M12 Male Connector PIN	Terminal block / Input	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	
6	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
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		red blinking	red blinking	tone pulsing
	5	tone pulsing (optional)	-	

MT60 Dimension Drawing

