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MT60 MONOLITHIC SIGNAL TOWER

MT60-S-S-24V DC
24 V DC red/yellow/green, white with horizontal or external tube mounting 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.
- **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

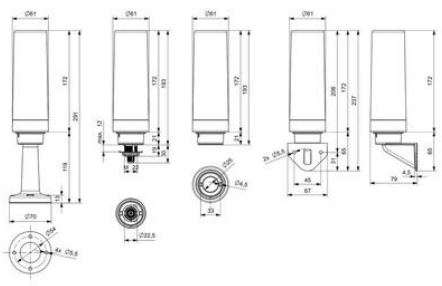
Lens colour	White
Housing Colour	White
IP class	IP66
Sound level max	75 dB
Supply voltage	24 V
Mounting	Horizontal
Temperature operational min	-25 °C
Temperature operational max	50 °C

Diameter	61 mm
IK class	7
Height	193 mm
Nominal current	3 mA

INPUT

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	red blinking	red blinking	tone pulsing
	5	tone pulsing (optional)	-	-

MT60 Dimension Drawing



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