SIGNAL TOWERS AND BEACONS

Lovato electric

ENERGY AND AUTOMATION

SIGNAL TOWERS
LTN... SERIES

Lovato electric

Ø50mm

Ø70mm

PLUG & PLAY MODULES

The easy to use fixing system makes the beacon, signal tower and cabling modules quick to assemble without the use of tools. All modules are ready to use.

INTEGRATED LEDs

The light modules have integrated LEDs and a **switch** for selecting steady or flashing mode.
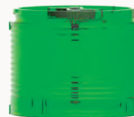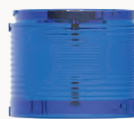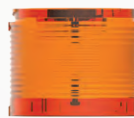
HIGH QUALITY

The materials assure a long service life and high visibility even in strong lighting conditions.

SIGNAL TOWERS

Ø50mm and Ø70mm

SOUND MODULES AND TOP COVER

2 types of signal tower are available:
- LTN...MSL with 85dB output and protection rating IP65 and Type 4;
- LTN...MSH with 100dB output and protection rating IP20.

LIGHT MODULES

All light modules have integrated LEDs and a switch for selecting steady or flashing mode. They are available in 5 colours compliant with international signage conventions.

WIRING MODULES

2 types of cabling module are available:
- LTN...MW024 for 12...24VDC;
- LTN...MW230 for 110...230VAC.

EXTENSION TUBES

The extension tubes fall into 2 categories: metal tube with either threaded or unthreaded end. They are available in 3 different lengths: 100mm, 250mm and 400mm.

FIXING BASES

There are 2 types of base, metal or plastic, available for mounting to horizontal surfaces, wall mounting, or adjustable through 180°.

Signal towers are fundamental elements in manufacturing processes for the visual and audible signaling of the system status. The signal towers can be assembled by stacking up to 5 light modules or 4 light modules and 1 sound module.

PLUG & PLAY

The components can be assembled without the use of tools

100dB

Signal tower modules with high sound output (up to 100dB)

LED

Beacon modules with integrated LEDs

All beacon modules are compatible with both AC and DC

Steady and flashing lamp mode in a single module, selectable with an internal switch

IP65

IP65 degree of protection

Lovato electric

Description	Ø50mm	Ø70mm
Top cover		
To be used only if sound module is not present	LTN50C	LTN70C
Continuous sound modules		
85dB. IP65, Type 4	LTN50MSL	LTN70MSL
100dB. IP20	LTN50MSH	LTN70MSH
Blinking or steady light modules. Integrated LED lamp		
Orange	LTN50ML1	LTN70ML1
Green	LTN50ML3	LTN70ML3
Red	LTN50ML4	LTN70ML4
Blue	LTN50ML6	LTN70ML6
White	LTN50ML8	LTN70ML8
Wiring modules		
12...24VDC	LTN50MW024	LTN70MW024
110...230VAC	LTN50MW230	LTN70MW230
Extension tubes ❶		
100mm, metal	LTN50P100	LTN70P100
250mm, metal	LTN50P250	LTN70P250
400mm, metal	LTN50P400	LTN70P400
100mm, metal with threaded end	LTN50P100T	LTN70P100T
250mm, metal with threaded end	LTN50P250T	LTN70P250T
400mm, metal with threaded end	LTN50P400T	LTN70P400T
Plastic fixing bases		
Horizontal surface mounting, black, plastic	LTN50BP1	LTN70BP1
Wall mounting, grey, plastic ❷	LTN50BP2	LTN70BP2
Adjustable through 180°, black, plastic	LTN50BP3	LTN70BP3
Metal fixing bases		
Horizontal surface mounting, metal	LTN50BM1	LTN70BM1
Wall mounting, metal	LTN50BM2	LTN70BM2
Adjustable through 180°, metal	LTN50BM3	LTN70BM3

❶ Extension tubes with threaded end LTNP...T have to be used for all the fixing bases except for LTN50BP2 and LTN70BP2.
❷ For fixing base LTN50BP2 and LTN70BP2 the extension tube LTNP... without threaded end has to be used.

Left column image labels:
- LTN...C
- LTN...MSL
- LTN...MSH
- LTN...ML1
- LTN...ML3
- LTN...ML4
- LTN...ML6
- LTN...ML8
- LTN...MW024
- LTN...P100
- LTN...P100T
- LTN...BP1
- LTN...BP2
- LTN...BP3
- LTN...BM1
- LTN...BM2
- LTN...BM3

Technical characteristics
– Light modules consumption: 1.2VA
– Sound modules consumption: 1.7VA
– Wiring modules consumption: 1VA
– Maximum number of stackable modules:
  • 5 light modules;
  • 1 sound module + 4 light modules
– Connections: screw clamp terminals and conductor section 0.25...1.5mm²/AWG16...24
– Operating temperature: -30...+50°C
– IEC degree of protection: IP65 and Type 4 for light modules, top cover and sound module LTN50MSL e LTN70MSL.
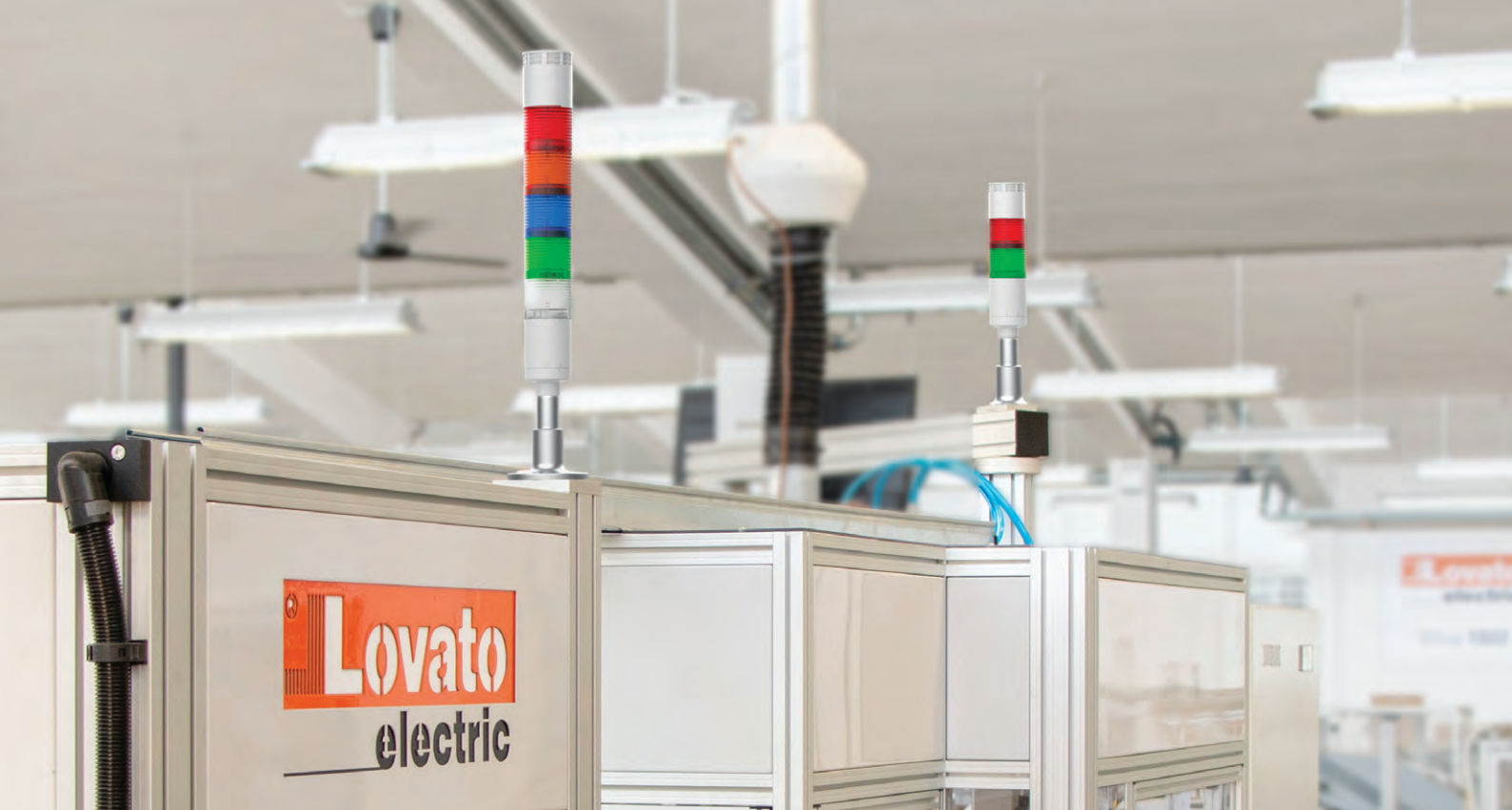
Certifications and compliance
Certifications obtained: cULus.
Compliant with standards:
- IEC/EN/BS 60947-5-1;
- IEC/EN/BS 60947-1;
- UL508;
- CSA C22.2 n° 14.

A FULL RANGE OF
SIGNAL TOWERS AND **BEACONS**
FOR ANY INSTALLATION

SIGNAL BEACONS
Ø62mm

Signal beacons are fundamental elements in manufacturing processes for the visual and audible signalling of the system status.

- Steady light or blinking modules
- Pulsed or continuous sound multicoloured modules
- Incandescent and LED bulbs.

SIGNAL TOWERS AND BEACONS

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