

Explosion proof LR4 / LR6 signal tower

Suitable for zone 2 / 22



Features

- ATEX certified
- Suitable for use in gaseous and dusty environments
Zones 2 and 22
- 24 Volt DC
- Ø40 mm (LR4) or Ø60 mm (LR6)
- Up to 5 LED units
- Includes stainless steel bracket for wall mounting
- Available with or without buzzer sound and blinker option
- Operating temperature -20 °C to +50 °C



II 3 G Ex ec IIC T4 Gc
II 3 D Ex tc IIIC T80°C Dc



Description

The explosion proof LR4 and LR6 signal towers are expandable up to five LED segments that will not come off due to vibration.

The ultra-bright, maintenance-free LED units have a vertically and horizontally ground lens combined with a double reflection system. This guarantees an even and brilliant light output. This also makes them visible from greater distances.

The polycarbonate lenses and enclosure are dust and waterproof and can withstand harsh conditions. Also available with fully enclosed sound module and blinker option to provide an audible and visual alarm.

The LR4 and LR6 signal towers are explosion proof and certified in accordance with European Directive 2014/34/EU (ATEX 114) and are CE marked.



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Technical specification

Explosion safety:	II 3 G Ex ec IIC T4 Gc, II 3 D Ex tc IIIC T80°C Dc
European Directives:	2014/34/EU (ATEX 114) and 2014/30/EU (EMC)
Applied standards:	EN 61000-6-2:2016, EN 61000-6-4:2006 / A1:2010 / IS 1:2011, EN 60079-0:2018, EN 60079-7:2015 / A1:2018, EN 60079-31:2014
Voltage:	24 VDC
Rated current at 24 VDC:	LR4: 135 mA without buzzer / 385 mA with buzzer LR6: 225 mA without buzzer / 475 mA with buzzer
Electrical connections:	fixed cable
Enclosure:	plastic
Dimensions enclosure:	LR4: Ø 40 mm LR6: Ø 60 mm
Protection rating:	IP65
Mounting bracket:	Stainless steel
Ambient temperature:	-20°C ... +50°C
Blink rate:	±60 / min

Order code LR4 (Ø40 mm)

Type number	Other information
LR4-102WJBU-R-EX	One LED unit, red, with buzzer
LR4-102WJNU-R-EX	One LED unit, red, without buzzer
LR4-202WJBU-RG-EX	Two LED units, red and green, with buzzer
LR4-202WJBU-RY-EX	Two LED units, red and yellow, with buzzer
LR4-202WJNU-RG-EX	Two LED units, red and green, without buzzer
LR4-202WJNU-RY-EX	Two LED units, red and yellow, without buzzer
LR4-302WJBU-RYG-EX	Three LED units, red, yellow and green, with buzzer
LR4-302WJNU-RYG-EX	Three LED units, red, yellow and green, without buzzer
LR4-402WJBU-RYGB-EX	Four LED units, red, yellow, green and blue, with buzzer
LR4-402WJNU-RYGB-EX	Four LED units, red, yellow, green and blue, without buzzer
LR4-502WJBU-RYGBC-EX	Five LED units, red, yellow, green, blue and white, with buzzer
LR4-502WJNU-RYGBC-EX	Five LED units, red, yellow, green, blue and white, without buzzer

Different colour combinations and sequences are available on request.

Explosion proof LR4 / LR6 signal tower

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Order code LR6 (Ø60 mm)

Type number	Other information
LR6-102WJBU-R-EX	One LED unit, red, with buzzer
LR6-102WJNU-R-EX	One LED unit, red, without buzzer
LR6-202WJBU-RG-EX	Two LED units, red and green, with buzzer
LR6-202WJBU-RY-EX	Two LED units, red and yellow, with buzzer
LR6-202WJNU-RG-EX	Two LED units, red and green, without buzzer
LR6-202WJNU-RY-EX	Two LED units, red and yellow, without buzzer
LR6-302WJBU-RYG-EX	Three LED units, red, yellow and green, with buzzer
LR6-302WJNU-RYG-EX	Three LED units, red, yellow and green, without buzzer
LR6-402WJBU-RYGB-EX	Four LED units, red, yellow, green and blue, with buzzer
LR6-402WJNU-RYGB-EX	Four LED units, red, yellow, green and blue, without buzzer
LR6-502WJBU-RYGBC-EX	Five LED units, red, yellow, green, blue and white, with buzzer
LR6-502WJNU-RYGBC-EX	Five LED units, red, yellow, green, blue and white, without buzzer

Different colour combinations and sequences are available on request.