

# 21246 - LRACE - Manual DC IP67 2.0 Rope Actuator

Revision: 01 | Creation Date: 2026-06-05 | Revision Date: 2026-08-11



## Model:21246 | LRACE



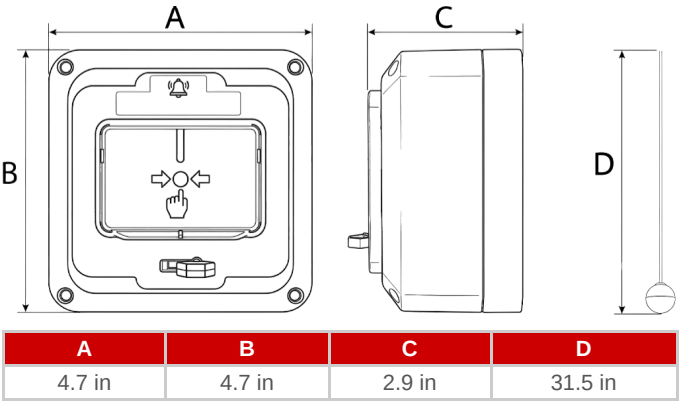
### Application

The Manual Actuator with Pull Cord enables triggering of fire alarms over the wireless network in locations with limited direct access to a push button, for installation in commercial, industrial, and residential buildings. Suitable for indoor and outdoor use (IP67).

### Operation

When triggered by the pull cord, the device immediately transmits a wireless alarm signal to the control panel.

### Dimensions



### Standard Features

- Wireless protocol — 2.4 GHz, ISM band (Industrial, Scientific and Medical).
- Battery-powered: 2 × AA alkaline — up to 48 months autonomy.
- IP67 ingress protection — suitable for indoor and outdoor installation.
- 128-bit AES encryption; restricted to enrolled installation unit.
- Tamper detection: removal alert at control panel within 2 seconds.
- Low-battery alert and level indication at the control panel.
- Equipment fault indication at the Fire Detection and Alarm Panel within 5 minutes.

#### Product Certifications:



### Specifications

| ENVIRONMENTAL CHARACTERISTICS |                                               |
|-------------------------------|-----------------------------------------------|
| Ingress Protection            | IP67                                          |
| Operating temperature         | -10 to 55 °C                                  |
| Storage temperature           | 0 to 40 °C                                    |
| Relative humidity             | 10% to 95%                                    |
| ELECTRICAL CHARACTERISTICS    |                                               |
| Normal operation current      | ≤ 10 µA                                       |
| Triggering current            | ≤ 850 µA                                      |
| Power supply                  | 2 AA Alkaline Batteries — Model E91 Energizer |
| Battery life                  | Up to 4 years                                 |
| DIMENSIONS                    |                                               |
| Dimensions (A × B × C)        | 4.7 × 4.7 × 2.9 in                            |
| Cord length (D)               | 31.5 in                                       |
| Packaged dimensions           | 5.9 × 5.1 × 3.0 in                            |
| Weight                        | 500 g                                         |

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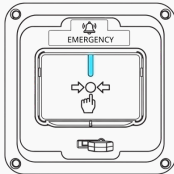
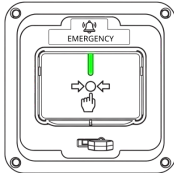
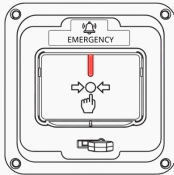
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## Specifications

| RADIO FREQUENCY — 802.15.4    |                       |
|-------------------------------|-----------------------|
| Operating channels            | 11 to 26 (default 26) |
| Network encryption            | AES 128-bit           |
| Data transfer rate            | 256 kbps              |
| Modulation                    | O-QPSK                |
| Antenna gain                  | 1.86 dBi              |
| TX power                      | ≤ 20 dBm              |
| Sensitivity                   | -102 dBm              |
| Antenna type                  | Internal              |
| Indoor range                  | 120 m                 |
| Outdoor range (line of sight) | 1,500 m               |
| Standard                      | 802.15.4              |

## LED Indicators

| LED                                                                                | State                    | Description                      |
|------------------------------------------------------------------------------------|--------------------------|----------------------------------|
|  | <b>Blue</b><br>Tamper    | Sensor removed or poorly seated. |
|  | <b>Green</b><br>Stand By | Device operational.              |
|  | <b>Red</b><br>Alarm      | Device triggered.                |