

21236 - LRAIC - Remote Pump DC IP66 Actuator

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



Model:21236 | LRAIC



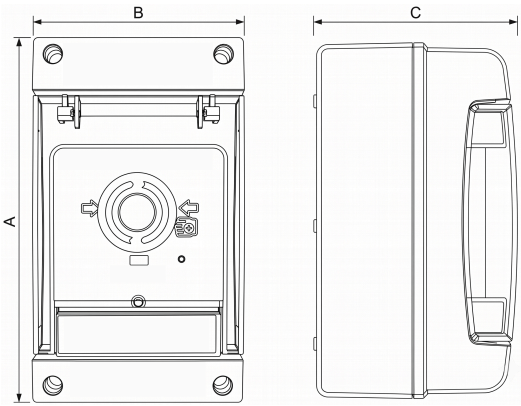
Application

The Remote Pump Actuator enables remote activation of fire-fighting pumps over the wireless network, for installation in commercial and industrial buildings. Suitable for indoor and outdoor use (IP66).

Operation

When triggered, the device immediately transmits the wireless pump-activation signal to the control panel.

Dimensions



A	B	C
7.5 in	4.4 in	4.2 in

Standard Features

- Wireless protocol — 2.4 GHz, ISM band (Industrial, Scientific and Medical).
- Battery-powered: 2 × AA alkaline — up to 48 months autonomy.
- IP66 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	IP66
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)	7.5 × 4.4 × 4.2 in
Packaged dimensions	4.7 × 5.5 × 7.9 in
Weight	660 g

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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
	Blue Tamper	Sensor removed or poorly seated.
	Green Stand By	Device operational.
	Red Alarm	Device triggered.