



Fire Extinguisher Sensor

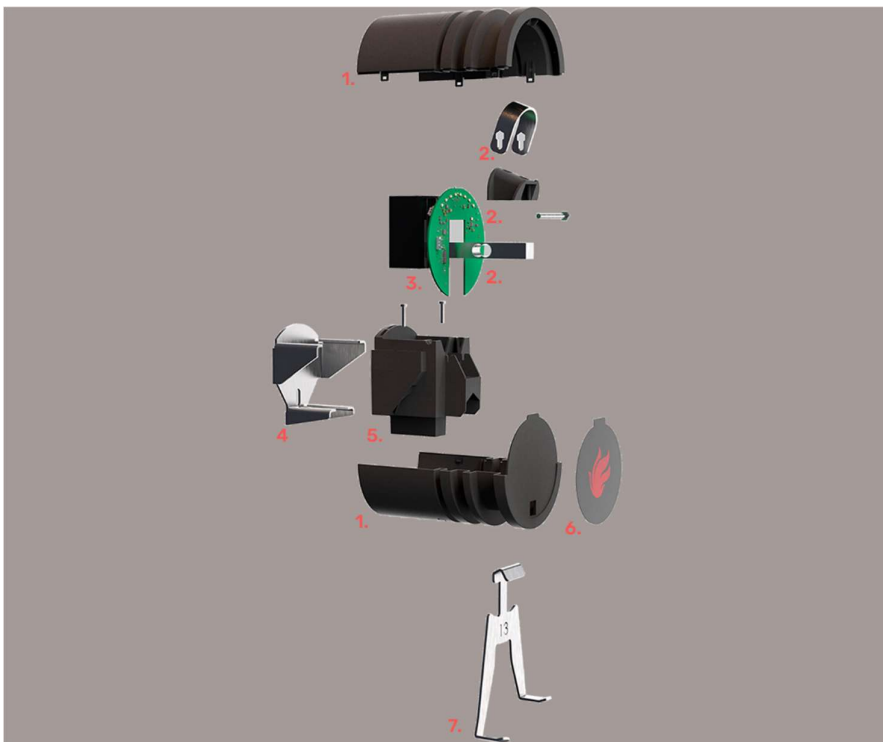
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Fire Fender Sensor is a wireless digital sensor designed to monitor the readiness and accessibility of portable fire extinguishers. It provides real-time alerts and analytics for extinguisher pressure, environmental conditions, and obstruction status. Can be configured for LoRa and NeoCortec Mesh technology for long range and high security in buildings



The parts

1. Enclosure for sensor
2. Weight cell
3. Electronics
4. Wall mount
5. Batteries and holder
6. Label with NFC tag
7. Hook for extinguisher
8. Tamper button
9. Test button
10. Light guide
11. Obstruction detection window





Basic	DIMENSIONS Ø 150 mm + 135 mm hook	WEIGHT 665 g
	PLACEMENT Wall mount	COLOR Black
	MATERIALS Polymer Steel	INGRESS PROTECTION IP 20
	OPERATING TEMPERATURE -10°C to +40°C	OPERATING HUMIDITY Up to 75% non-condensing
Technical	BATTERY 3 x Alkaline AA / LR06 or 6 x Alkaline AA / LR06	OPERATING VOLTAGE 2.7V - 5.0V
	LOW BATTERY VOLTAGE 2.7V	CALCULATED BATTERY LIFE 5 or 10 years (5-24 daily transmissions)
	FREQUENCY 868 MHz	WIRELESS RANGE Range in free field:>300m
	PROTOCOLS LoRaWAN Proprietary wireless protocol	BUZZER 70 dB
	MODES Normal - buzzer and LEDs on Quiet - buzzer and LEDs off	LEDs Green – ok Red – failure
	OBSTRUCTION DETECTION 0-50 cm from sensor	TEST Test button deactivates LEDs and buzzer for 2 minutes
	TEMPERATURE -10°C to + 40°C +/-0.2	HUMIDITY 0-75% +/-1.
	DETECTS Removal activates LEDs and sound Tamper activate LEDs and sound Weight changes Obstructions	NEAR FIELD COMMUNICATION (NFC) Sensor type Sensor id



Certifications

CE
ETSI EN

RoHS

Other information

PATENTED TECHNOLOGY
Patent pending

MANUFACTURED
In Thailand

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