

# FIRE EXTINGUISHER MONITORING SOLUTION

specifications for fire extinguisher sensor and sensor hub

## PROJECT INFORMATION

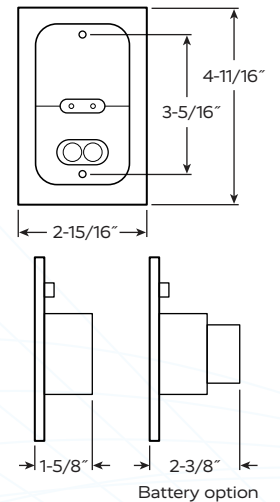
|            |  |
|------------|--|
| CATALOG #: |  |
| TYPE:      |  |
| PROJECT:   |  |
| SPECIFIER: |  |

## FIRE EXTINGUISHER MONITORING, ALERTING AND REPORTING

- MOUNT REMOVAL ALERT**  
 Fire extinguisher removed from mount.
- LOW PRESSURE/BLOCKAGE ALERT**  
 Pressure falls below safe operating level or access to the extinguisher is obstructed.
- DEVICE AUDIO ALERT**  
 The device produces an audible alarm.
- TEXT OR EMAIL ALERT**  
 Automated alerting with email or text sent to appropriate personnel in response to mount removal or low pressure/blockage. Alerts include timestamp and location.
- REPORTS**  
 Download reports to analyze historical data.



**WALL-MOUNTED FIRE EXTINGUISHER SENSOR**



## LEVEL FEATURES

|                 |   |
|-----------------|---|
| Level 1 Connect | Fire extinguisher monitoring with audible alarm |
| Level 2 Advise  | Automated text or email alerts and reports      |

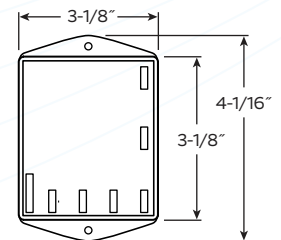
## SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| Connect Software Requirement      | Minimum V2.0  |
| Cable Requirement*                | 18-24 gauge 6-conductor cable attaches sensor to sensor hub |
| Sensor Hub Connection Requirement | Flying leads plug into screw terminal blocks                |

\*Not provided



**REMOTE-MOUNTED SENSOR HUB**



**CABLING AND CONNECTOR CONSIDERATIONS**  
 available at [PLATFORMATICS.com](http://PLATFORMATICS.com)

## ordering information

### PRODUCT

**POE-IOT-SB-FEM**  
 Fire Extinguisher Sensor

Sample: **POE-IOT-SB-FEM**



# FIRE EXTINGUISHER MONITORING SOLUTION

## SENSOR SPECIFICATIONS

|  |  |
|--|--|
| <b>Obstruction Detection Range</b>           | 36" Default Setting<br>18" Optional Setting  |
| <b>Obstruction Detection Timing in Hours</b> | 0-15 Optional Setting<br>5-20 Optional Setting<br>15-30 Default Setting<br>50-65 Default Setting |
| <b>Extinguisher Gauge Tether</b>             | Length 48"   |
| <b>Operating Temperature Range</b>           | 0°C to +48°C (+32°F to +120°F)   |
| <b>Shipping Weight</b>                       | 1 lb   |
| <b>Listings</b>                              | UL 864   |

## SENSOR HUB ENVIRONMENTAL SPECS

|   |   |
|---|---|
| <b>ROHS</b>   | Compliant   |
| <b>Normal Operating Temperature and Altitude (Density Altitude)</b> | -5°C to +45°C (+23°F to +113°F), up to 5000ft (1500m)<br>-5°C to +40°C (+23°F to +104°F), up to 10,000ft (3000m)<br>Min ambient temperature for cold start is 0°C (+32°F) |
| <b>Relative Humidity</b>  | 10% to 95%, non-condensing  |
| <b>Storage Environment</b>  | Temperature: -40°C to +70°C (+40°F to +158°F)   |
| <b>Location</b>   | For use in dry locations.   |

**FIRE EXTINGUISHER SENSOR INSTALLATION INSTRUCTIONS**  
available at [TCLIFESAFETY.com](http://TCLIFESAFETY.com)

## WIRING CONSIDERATIONS

