

Installation Guide for SIG-36 LoRa Module

Cover Page



Installation Guide

SIG-36 LoRa Module

Step-by-Step Instructions

Prepared by: FTB Precision Instruments

Date: April 2025

Version: 1.0

Table of Contents

1. Introduction 3

2. Installation Steps4

2.1 Step 1 4

2.2 Step 2 4-5

2.3 Step 3 5

2.4 Step 4 6

2.5 Step 5 6-7

2.6 Step 6 7

2.7 Step 7 8

2.8 Step 8 8

3. Installation Summary Table 9

4. Appendix 9

1. Introduction

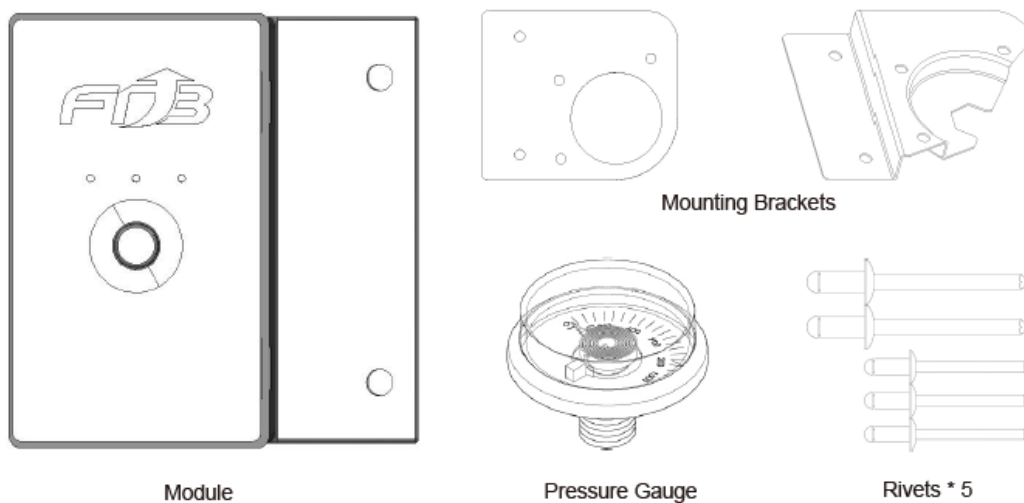
This guide provides detailed instructions for installing the SIG-36 LoRa Module on a fire extinguisher. Follow the steps carefully to ensure proper setup.

Tools Required:

- Rivet gun
- Standard screwdriver (if applicable)

Package Contents:

- SIG-36 LoRa Module
- SG-36 fire extinguisher pressure gauge
- Upper and lower mounting brackets
- Rivets



Important Notes:

- Before installation, ensure all parts are complete and undamaged.
- Wear appropriate protective equipment during the installation process.
- Installation should be performed by qualified personnel only.

2. Installation Steps

2.1 Step 1: Replace the Pressure Gauge



- Remove the existing fire extinguisher pressure gauge.
- Install the SG-36 pressure gauge included in the package.



Figure 1

Caption: SG-36 pressure gauge installed on the fire extinguisher.

2.2 Step 2: Install the Lower Mounting Bracket



- Secure the lower mounting bracket to the designated position on the fire extinguisher.
- Ensure proper alignment for stability.



Figure 2

Caption: Lower mounting bracket secured in place.

2.3 Step 3: Install the Upper Mounting Bracket



- Attach the upper mounting bracket above the lower bracket.
- Verify alignment with the lower bracket.



Figure 3

Caption: Upper mounting bracket attached.

2.4 Step 4: Connect the Pressure Gauge Wire



- Locate the connector on the SIG-36 Module.
- Connect the SG-36 fire extinguisher pressure gauge wire to the connector.



Figure 4

Caption: Connecting the pressure gauge wire to the SIG-36 Module.

2.5 Step 5: Insert the SIG-36 Module



- Slide the SIG-36 Module into the upper and lower mounting brackets.
- Ensure a snug fit.



Figure 5

Caption: SIG-36 Module inserted into brackets.

2.6 Step 6: Insert Rivets



- Place the provided rivets into the mounting brackets' designated holes.
- Check that rivets are fully inserted.



Figure 6

Caption: Rivets placed in mounting brackets.

2.7 Step 7: Secure Rivets



- Use a rivet gun to secure the rivets in the mounting brackets.



Figure 7

Note: Ensure the rivet gun is calibrated to avoid damaging the brackets.

Caption: Securing rivets with a rivet gun.

2.8 Step 8: Complete Installation



- Verify all components are securely installed.
- Test the SIG-36 Module for functionality (refer to the user manual for testing procedures).

No image required for this step.

3. Installation Summary Table

Step	Description	Image Reference
1	Replace the existing pressure gauge with the SG-36 gauge.	Figure 1
2	Install the lower mounting bracket.	Figure 2
3	Install the upper mounting bracket.	Figure 3
4	Connect the pressure gauge wire to the SIG-36 Module.	Figure 4
5	Insert the SIG-36 Module into the brackets.	Figure 5
6	Insert rivets into the mounting brackets.	Figure 6
7	Secure rivets using a rivet gun.	Figure 7
8	Verify installation and test functionality.	None

4. Appendix

- **Troubleshooting:** If the SIG-36 Module does not function, check wire connections and rivet security.
- **Contact:** For support, contact FTB Precision Instruments at ftb@ms3.hinet.net.