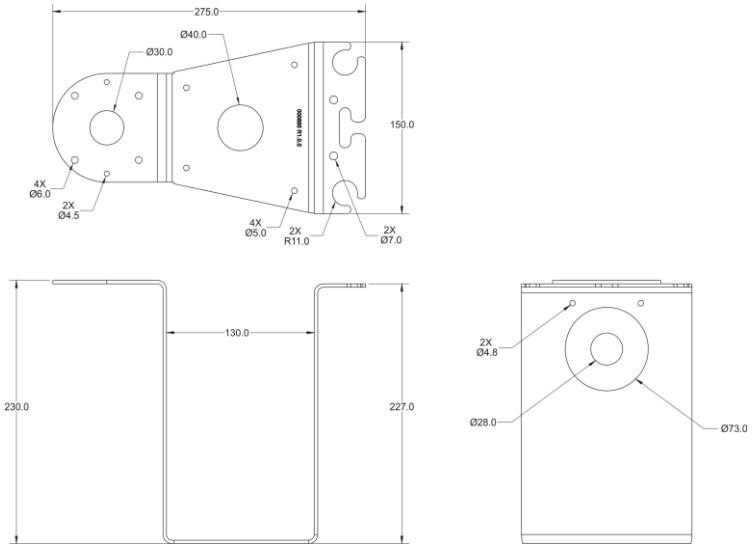
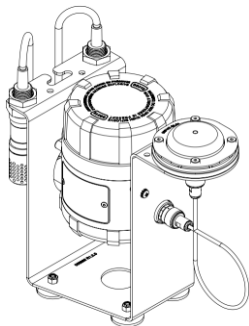


Magnetic Mounting Bracket

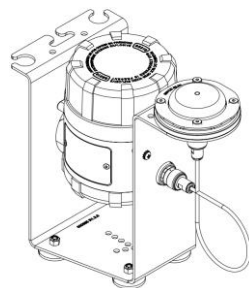


Overview

The magnetic mounting bracket is designed primarily for use in aboveground storage tank floating roof monitoring applications, however, it can be used for mounting Sycor monitoring systems to any magnetic surface if suitable for the site and application.



Field Transmitter Assembly



Inclinometer Assembly

Four neodymium magnets hold the bracket securely in place on a nominally level magnetic surface. Alternatively, 3M VHB adhesive tape is used to secure the bracket onto non-magnetic surfaces if required.

The bracket supports a WirelessHART Field Transmitter or WirelessHART Inclinometer, both models of Sycor sensor transducers, and a patch antenna.

Refer to the following documents for more information:

- WirelessHART Field Transmitter Data Sheet
- WirelessHART Inclinometer Data Sheet
- WirelessHART FR-Tracker™ AST Floating Roof Monitoring Solution Package

Specifications

Bracket	
Material	SAE 304 Stainless Steel 11GA
Finish	As formed
Magnets x 4	
Size	Ø 36mm x 18mm height including M6 x 1mm coarse male threaded stud
Material	NdFeB, Grade N38
Plating/Coating	Ni-Cu-Ni (Nickel)
Pull Strength	41 kg [90.4 lbs] per magnet
Direction	Axial (Poles on Flat Ends)
B _{rmax}	12,600 Gauss
B _{Hmax}	38 MGOe

How to Purchase

Visit sycor.com for more information. Contact Sycor to discuss your specific site and application requirements.

Contact Information

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