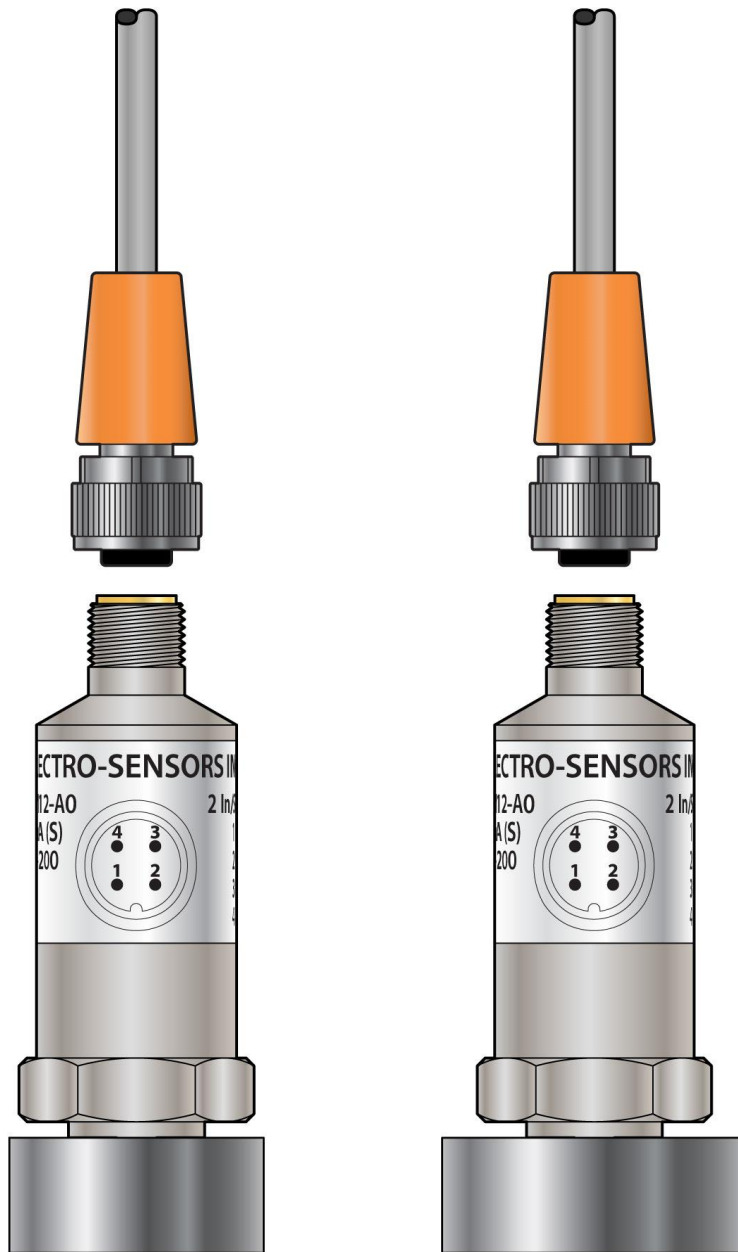


# MAGNETIC MOUNTS

## for VT vibration sensors



6111 Blue Circle Drive  
Minnetonka, MN 55343  
Phone: 952-930-0100  
Fax: 952-930-0130  
ISO 9001:2015 Certified



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**990-007301 Rev A**

- 2 models**
- 810-000063 MOUNTING MAGNET VT SENSORS 1.25"
  - 810-000062 MOUNTING MAGNET VT SENSORS 1.5"

**Description** Neodymium disc magnet in a 1/4-28 drilled/tapped steel housing  
Attaches VT vibration sensors to flat, smooth ferromagnetic surfaces without drilling/tapping.

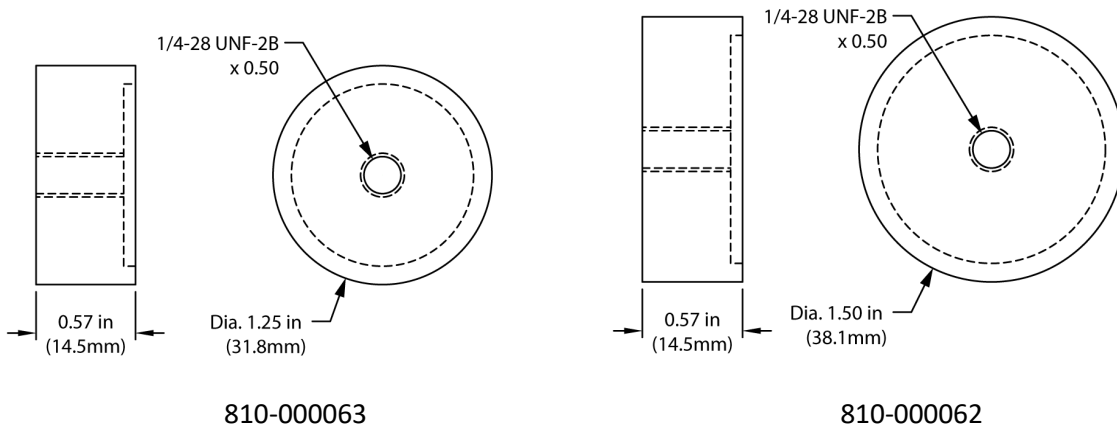


**WARNING** STRONG PERMANENT MAGNET, handle with care.  
To avoid injury, do not allow hands, etc. between the magnet side (no hole) and nearby ferromagnetic objects. Handle the curved edges and back side (tapped hole), keeping fingers clear of the magnet side.

**Specifications**

Materials	Housing	Steel
	Disc magnet	NdFeB Grade N42, NiCuNi plating
Pull force	810-000063	6.8 Lb (steel plate attachment)
	810-000062	7.2 Lb (steel plate attachment)

**Dimensions**



Weight	810-000063	0.185 Lb
	810-000062	0.272 Lb
Temperature (operating)	80°C max	

**Application** To avoid vibration measurement errors, assemble the VT sensor into the magnetic mount and attach to a smooth, flat surface as follows:

**Assembly** Apply a small amount of Loctite® 242 to the VT threaded shaft and magnetic mount tapped hole. Screw the VT sensor full into the magnetic mount tapped hole until it stops (see cover illustration). Tighten the VT sensor (1" wrench) into the magnetic mount (held in a vise) to 5ft-Lb torque. Loctite should not force out when tightening. If it does, quickly disassemble, clean and reassemble. Allow 2 hr minimum cure time before use.

**Attachment** Attach to a flat, smooth, adequately large surface area. The magnetic mount must firmly and rigidly engage the attached surface over the full magnet side area, with no rocking.