

Sensor Magnets & Magnetic Floats Catalog (FN / FB / FPP / FPS / MY / MN / MSM)

NBR, SUS304/316, PP & EPS Magnetic Floats | Ferrite, NdFeB & Encapsulated Magnets

Product Overview

Misensor manufactures a complete range of magnetic floats and permanent magnet actuators matched to our reed switches, Hall sensors, and TMR sensors. Floats are available in NBR rubber (for oil/fuel), SUS304/316L stainless steel (for high temp/pressure), PP polypropylene (for water/acids), and EPS foam.

Key Features

- NBR Floats (FN Series): Specific gravity 0.45-0.55...
- SUS Floats (FB Series): TIG-welded SUS304/316L for...
- PP Floats (FPP Series): Food-grade polypropylene f...
- Ferrite (MY) & NdFeB (MN) bare magnets in ring, cy...
- Encapsulated Magnets (MSM05-MSM10): Screw & flange...

Typical Applications

- Liquid level switches & continuous fuel level send...
- Proximity, door contact, and elevator leveling sen...
- Automotive coolant, brake fluid & washer fluid res...

Technical Specifications & Model Selection

Series	Category	Material	Representative Models	Key Dimensions (mm)	Typical Media / Application
FN Series	NBR Magnetic Float	Nitrile Rubber + Magnet	FN-001, FN-003, FN-031	Dia.18.5x19 to Dia.40x35	Diesel, Gasoline, Hydr..
FB Series	SUS Magnetic Float	SUS304 / SUS316L	FB-001 to FB-004	Dia.28x9x28 to Dia.52x..	High-Temp Water, Steam..
FPP Series	PP Magnetic Float	Polypropylene (PP)	FPP-001 to FPP-034	Dia.17x15 to Dia.29x29	Potable Water, Acids, ..
FPS Series	EPS Foam Float	Closed-Cell EPS	FPS-001, FPS-002	Custom Molded	Humidifiers, Dehumidif..
MY Series	Ferrite Magnet	Sintered Ferrite	MY-001 to MY-026	Ring, Block, Cylinder	Reed Switches & Level ..
MN Series	NdFeB Magnet	Rare-Earth NdFeB	MN-001 to MN-018	Dia.2x3 up to 4x6x30	High-Sensitivity Proxi..
MSM Series	Encapsulated Magnet	ABS / Brass + Magnet	MSM05 to MSM10 (M5-M12)Matches MS05-MS10		Industrial Interlocks ..