

Threaded Screw-Mount Magnetic Reed Sensors (MS09 / MS10 Series)

M5, M6, M8, M10 & M12 Metric Threaded Brass, Stainless Steel & Plastic Sensors

Product Overview

Misensor MS09 and MS10 series threaded magnetic proximity sensors allow precise sensing gap adjustment via standard metric threads (M5, M6, M8, M10, M12) and locknuts. Available in nickel-plated brass, stainless steel, or engineering plastic barrels.

Key Features

- Standard metric threads: M5x0.5, M6x1, M8x1.25, M1...
- Supplied with 2 hex locknuts and washers
- Matching threaded actuator magnets (MSM09-M5 to M12)
- IP67 hermetically sealed against oil, coolant, and...
- Operating temperature from -30°C to +85°C (up to +...

Typical Applications

- CNC machine tools, hydraulic & pneumatic equipment
- Automotive pedal, gear shift & seat position sensing
- Agricultural & heavy construction machinery

Technical Specifications & Model Selection

Model	Thread Size	Barrel Length	Contact Form	Max Power	Max Voltage	Matching Magnet
MS09-M5	M5 x 0.5	25mm / 30mm	1A (SPST-NO)	10W	100V DC	MSM09-M5
MS09-M6	M6 x 1.0	30mm / 35mm	1A (SPST-NO)	10W	100V DC	MSM09-M6
MS09-M8	M8 x 1.25	35mm / 38mm	1A / 1B / 1C	10W / 50W	200V DC	MSM09-M8
MS09-M10	M10 x 1.5	40mm	1A / 1B / 1C	10W / 50W	200V DC	MSM09-M10
MS09-M12	M12 x 1.75	40mm / 50mm	1A / 1B / 1C	10W / 50W	200V DC	MSM09-M12
MS10	M8 / Flange	36mm	1A (SPST-NO)	10W / 50W	200V DC	MSM10