

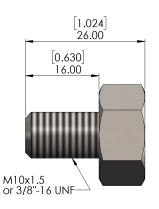
# **Magnetic Actuator**

## **MA-7S / MA-7N**

## For extended sensing with FS Series Proximity Switches

The Euroswitch FS Series proximity switch contains their own inexhaustible power source, utilising an array of permanent magnets to control a set of multi-voltage contacts. The FS Series sensor can sense carbon steel or 400 series stainless steel at up to 2.5mm 0.1" as standard. Detailed below are our standard range of magnets designed to give solutions to a multitude of applications.







MA-7S Specifications				
Max Sensing Range	12mm (0.47")	12mm (0.47")		
Body Material	316L Stainless Steel	316L Stainless Steel		
Dimensions	Ø 22mm x 26mm	Ø 0.87" x .02"		
Mounting	M10x1.5 x 16mm	3/8"-16 x 0.63"		

#### Magnetic Actuator Combinations











Model	Ferrous Sensing Range	MA-7S Sensing Range
FS-A	2.5mm (0.10")	12.0mm (0.47")
FS-B & C	2.5mm (0.10")	12.0mm (0.47")
FS-B-D & C-D	2.3mm (0.09")	11.5mm (0.45")
FS-D & E	2.5mm (0.10")	12.0mm (0.47")
FS-F	2.5mm (0.10")	12.0mm (0.47")
FS-H & I	2.5mm (0.10")	12.0mm (0.47")
FS-J & K	2.5mm (0.10")	12.0mm (0.47")
FS-J-D & K-D	2.3mm (0.09")	11.5mm (0.45")
FS-N & O	1.0mm (0.04")	10.5mm (0.41")
FS-P & Q	1.0mm (0.04")	10.5mm (0.41")
FS-CYL-B & CYL-C	2.3mm (0.09")	11.5mm (0.45")

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MA-1S Sensing Range	MA-4S / MA-4N Sensing Range	MA-8S / MA-8N Sensing Range	MA-9S Sensing Range
4.0mm (0.16")	8.0mm (0.31")	8.0mm (0.31")	6.0mm (0.24")
4.0mm (0.16")	8.0mm (0.31")	8.0mm (0.31")	6.0mm (0.24")
3.5mm (0.14")	7.5mm (0.29")	7.5mm (0.29")	5.5mm (0.22")
4.0mm (0.16")	8.0mm (0.31")	8.0mm (0.31")	6.0mm (0.24")
4.0mm (0.16")	8.0mm (0.31")	8.0mm (0.31")	6.0mm (0.24")
4.0mm (0.16")	8.0mm (0.31")	8.0mm (0.31")	6.0mm (0.24")
4.0mm (0.16")	8.0mm (0.31")	8.0mm (0.31")	6.0mm (0.24")
3.5mm (0.14")	7.5mm (0.29")	7.5mm (0.29")	5.5mm (0.22")
2.5mm (0.10")	6.5mm (0.26")	6.5mm (0.26")	5.0mm (0.20")
2.5mm (0.10")	6.5mm (0.26")	6.5mm (0.26")	5.0mm (0.20")
3.5mm (0.14")	7.5mm (0.29")	7.5mm (0.29")	6.0mm (0.24")

For detailed information please visit, www.euroswitch.com.

#### **Operating Principles**

To obtain the best results possible in your application, certain consideration should be observed.

Here are the two most typical examples of how the target would approach the FS Series Sensor.

