



## Position magnets

**SICK**  
Sensor Intelligence.



## Product description

Position magnets from SICK enable precise and reliable position measurements. This increases the efficiency and accuracy of your machines.

## Ordering information

Other models and accessories → [www.sick.com/Position\\_magnets](http://www.sick.com/Position_magnets)

Description	Type	Part no.
C-position magnet for magnetostrictive linear encoder, Ø 25.0 mm <sup>1</sup> max. axial surface pressure 20 N/mm <sup>2</sup>	MAG-C-250-01	2129170
C-position magnet for magnetostrictive linear encoder, Ø 33.0 mm <sup>1</sup> max. axial surface pressure 40 N/mm <sup>2</sup>	MAG-C-330-01	2129169
Compact block magnet for magnetostrictive linear encoders	MAG-B-180-01	2129171
Magnet with bracket, Neodym <sup>1</sup> - Note: Direct or indirect sale of the Neodym magnets we supply or end products manufactured from these magnets is prohibited in the following countries: USA, Canada and Japan.	MAGH-1004-N	2126478
Magnet with bracket, samarium cobalt	MAGH-1004-SMCO	2131041
Magnet with mounting hole for M3 countersunk screw, Ø 15.2 mm, height 6 mm	Magnet	5327349
Magnet with mounting hole for M4 countersunk screw, Ø 20 mm, height 6.5 mm	MAG-2006-B	7901784
Magnet with mounting hole for M5 flat head screw, Ø 23 mm, height 8 mm	MAG-2308-B	5340028
Magnet with mounting hole for M5 flat head screw, Ø 31 mm, height 15 mm	MAG-3015-B	7901786
Magnet with mounting hole for M5 flat head screw, Ø 36 mm, height 19.5 mm	MAG-3515-B	7902086
Magnet without mounting hole, Ø 10 mm, height 3 mm	MAG-1003-S	7901782
Magnet without mounting hole, Ø 30 mm, height 10 mm	MAG-3010-B	7901785
Magnet without mounting hole, Ø 6 mm, height 25 mm	MAG-0625-A	7901783
Neodym <sup>1</sup> - Note: Direct or indirect sale of the Neodym magnets we supply or end products manufactured from these magnets is prohibited in the following countries: USA, Canada and Japan.	MAG-1005-N	5344197
Position magnet for magnetostrictive linear encoder, Ø 25.5 mm <sup>1</sup> max. axial surface pressures 20 N/mm <sup>2</sup>	MAG-O-255-01	2129168
Position magnet for magnetostrictive linear encoder, Ø 33.0 mm <sup>1</sup> max. axial surface pressure 40 N/mm <sup>2</sup>	MAG-O-330-01	2129167
Position magnet for magnetostrictive linear encoders <sup>1</sup> Installation: in hydraulic cylinder using corrugated spring washer SICK part no. 2116431 <sup>1</sup> Temperature range: -30 °C ... +95 °C <sup>1</sup> Dimensions: 17.4x12x10.6 mm <sup>1</sup> Media: lubricants, hydraulic oils, no aggressive fluids (e.g., acids or bases)	MAG-O-174-01	2112714
	MAG-O-174-05	2112713
	MAG-O-174-10	2115045
	MAG-O-174-50	2112711
Position magnet for magnetostrictive linear encoders <sup>1</sup> Installation: in hydraulic cylinder using corrugated spring washer SICK part no. 2116431 <sup>1</sup> Temperature range: -30 °C ... +95 °C <sup>1</sup> Dimensions: 17.4x12x14 mm <sup>1</sup> Media: lubricants, hydraulic oils, no aggressive fluids (e.g., acids or bases)	MAG-O-174-50-S01	2138664
Position magnet for magnetostrictive linear encoders <sup>1</sup> Installation: in hydraulic cylinder using corrugated spring washer SICK part no. 2116431 <sup>1</sup> Temperature range: -40 °C ... +100 °C <sup>1</sup> Dimensions: 17.4x13.5x7.9 mm <sup>1</sup> Media: lubricants, hydraulic oils, no aggressive fluids (e.g., acids or bases)	MAG-O-S174-01	2124594
	MAG-O-S174-05	2124595
	MAG-O-S174-10	2124596
	MAG-O-S174-50	2124597
Slide magnet for magnetostrictive linear encoders	MAG-S-H29-01	2129172

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)