# Accessories

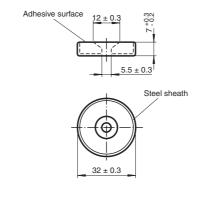


### **Model Number**

### DM 25-32-07

Permanent magnet for magnetic field sensors

## Dimensions



### **Technical data**

Ambient conditions Ambient temperature

Mechanical specifications

Material Dimensions -40 ... 85 °C (-40 ... 185 °F)

BaFe with steel jacket Height: 7 mm Diameter: 32 mm

### **Technical details**

The hard ferrite magnet consists of a steel casing, which is open towards the adhesive surface and equipped with a barium ferrite magnet (BaFe). The magnetisation already takes place during the shaping and is thus in imposed axial direction (anisotropic).

The magnetic clamp disk can be screwed onto a surface through a centre hole with a countersunk screw to save space. For fastening, screw in a M5 countersunk screw made of unmagnetic, non-conducting material, e. g. V2A or brass from the direction of the adhesive surface.

Characteristic		Value	
Power product	(W x H) max.	12	kJ/m <sup>3</sup>
Remanence	Br	245	mT
Coercive field strength	JHC	207	kA/m
Coercive field strength	<sub>в</sub> Н <sub>С</sub>	175	kA/m
Relative remanent permeability	μ <sub>o</sub> μ <sub>r</sub>	1.4	mT/ kA/m
Temperature coefficient of the rema- nence	α	-0,20	%/°C
Density	r	3.7	g/cm <sup>3</sup>

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USA: +1 330 486 0001 fa-info@us.pepperl-fuchs.com Germany: +49 621 776-4411 fa-info@pepperl-fuchs.com

I 776-4411 Singap fuchs.com fa-info@si

Copyright Pepperl+Fuchs Singapore: +65 6779 9091 fa-info@sg.pepperl-fuchs.com

