



Magnets for sensors

Technical Information Sheet

HIGH PERFORMANCE MAGNETIC MATERIALS

ECONOMIC MAGNETIC MATERIALS

	NEODYMIUM	COMPRESSED PLASTO-NEODYMIUM	FLEXIBLE PLASTO-NEODYMIUM	INJECTION MOULDED PLASTO-MAGNET	FERRITE	FLEXIBLE PLASTO-FERRITE
SPECIFICATIONS						
ENERGY PRODUCT UP TO... (KJ/M3)	366 KJ/M3	335 KJ/M3	68 KJ/M3	50 KJ/M3	40 KJ/M3	14 KJ/M3
TEMPERATURE RANGE UP TO MAX.	220 °C	180 °C	120 °C	120 °C	300 °C	80 °C
FLEXIBLE			•			•
TYPES OF MAGNETISATION	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	BIPOLAR, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, BIPOLAR, MULTI-POLE	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL, HALBACH	AXIAL, MULTI-POLE, RADIAL, CIRCULAR
ACID PROOF						
WATERPROOF					•	•
FIRE PROOF					•	
HOLDING FORCE FROM... TO...		from 0,4 to 130 kg	from 30 to 1500 gr/cm ²			from 15 to 120 gr/cm ²
OPTIONALS						
Zn COATING	•					
Ni COATING	•					
NiCuNi COATING	•					
NiCuNi + EPOXY COATING	•					
NiCuNi + Sn COATING	•					
PASSIVATED	•					
POLISHED					•	
DOUBLE-SIDED ADHESIVE FILM	•		•		•	•
CUSTOMISED LOGO	•		•	•		•
TYPES OF APPLICATION						
Identification sensors	•	•	•	•	•	•
Control sensors	•	•	•	•	•	
AGV sensors			•			•
Proximity sensors	•	•	•	•	•	
Packaging sensors	•	•	•	•	•	•
Level sensors	•	•		•	•	
Sensors for doors, gates and lifts	•	•	•	•	•	
Security sensors	•	•	•	•	•	
Adjustment sensors	•	•	•	•	•	
Windscreen wiper sensors	•		•			
AdBlue sensors	•					
Rear-view mirror movement sensors	•		•			