

## Data Sheet for Magnet used with austriamicrosystems AS5000-Series Magnetic Rotary Encoder Family

Type: NdFeB sintered magnet, our article no. 601803

Quality: BMN-35H

Dimension: Ø8 x 2.5 mm, tolerances ±0.1 mm

Execution: axially magnetized, Ni-coated

Remark: magnets are available ex-warehouse

### Magnetic properties:

Quality	Remanence		Coercivity			max. Energy Product		max. working
	Br		HcB		HcJ	(BH)max		temperature
	T kGs		kA/m kOe		kA/m kOe	kJ/m MGOe		Tw* (L/D=0.7)
	Nom	Min	Nom	Min		Nom	Min	°C
BMN-35H	1.21	1.17	907	860	>1353	279	263	120
	12.1	11.7	11.4	10.8	>17	35	33	

### Demagnetization curve:

