



SMA5

ENVIRONMENTAL SPECIFICATIONS

Operating temperature range:	-25°C ÷ +85°C (-13°F +185°F)
Storage temperature range:	-40°C ÷ +100°C (-40°F +212°F)
Protection:	IP67

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Housing:	aluminium
Connections:	cable 2,0 m
Gap sensor-magnetic tape:	0,1 ÷ 1,0 mm
Travel speed:	max 5 m/s
Resolution:	0,1 / 0,05 / 0,01 / 0,005 mm
System accuracy:	±20 µm/m max.
Repeatability:	±1 increment
Measurement length:	5,05 m max.
Measurement length = tape length - 70 mm	

ELECTRICAL SPECIFICATIONS

Power supply:	+10Vdc ÷ +30Vdc
Output circuit:	Gray, SSI
Output current (per channel):	40 mA max
Input current:	1 W max
Protection:	against inversion of polarity

- Compact absolute magnetic sensor
- SSI interface
- Resolution up to 5 µm
- Unaffected by dust, debris or liquids

ACCESSORIES

MTA5:	Magnetic tape
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ORDERING CODE

