



EBOX

- Interpolation box for magnetic sensors
- Variable resolution and output types

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:	IP40

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Housing:	aluminium
Connections:	DSUB 9 pin
Resolution:	0,05 / 0,025 / 0,02 / 0,0125 / 0,01 mm
System accuracy (after automatic gain + offset regulation):	± 1 increment
Repeatability:	± 1 increment

ELECTRICAL SPECIFICATIONS

Power supply:	+5Vdc ±5%, +10Vdc ÷ +30Vdc
Output circuits:	Line Driver, Push-Pull
Output signals:	A, /A, B, /B, I, /I
Output current (per channel):	40 mA max
Input current:	70 mA max
Protection:	against inversion of polarity (except 5Vdc Version)

ACCESSORIES

EDE9P:	Mating connector
SM5:	Magnetic sensor
MT50:	Magnetic tape
PS1:	Protection profile
LKM-1089:	Fixing plate

ORDERING CODE

