

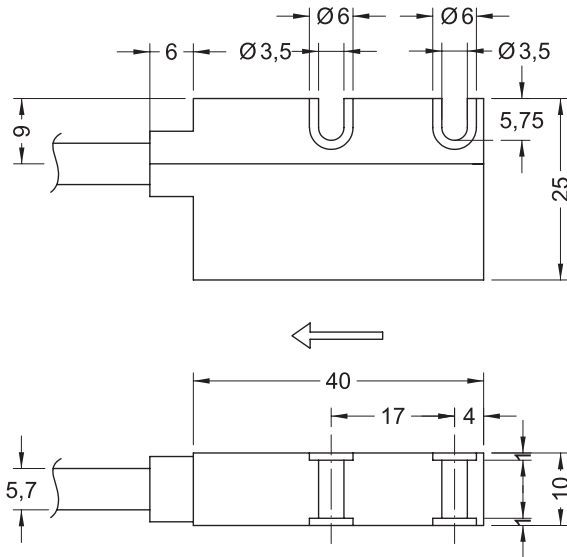
LINEPULS

Magnetic sensor with integrated converter

www.lika.biz

series

SML • SMH



SML • SMH

- Robust sensor for linear and rotary applications
- Gap clearance up to 2.0 mm
- IP67 protection
- Resolution up to 0.1 mm

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
Connection:	cable 2,0 m
Gap sensor-magnetic tape:	0,1 ÷ 2,0 mm
Travel speed:	max 5 m/s
Resolution:	0,1 mm
System accuracy:	±25 µm max.
Repeatability:	1 increment

ELECTRICAL SPECIFICATIONS

Power supply:	+5V ±5%, +10V ÷ +30V
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 5V version)

ACCESSORIES

MT32 @ SML:	Magnetic tape
MT40 @ SMH:	Magnetic tape
PS1:	Protection profile

ORDERING CODE

