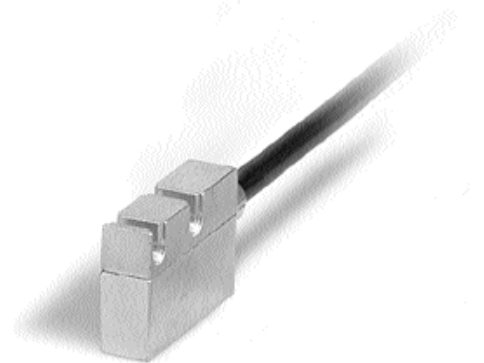
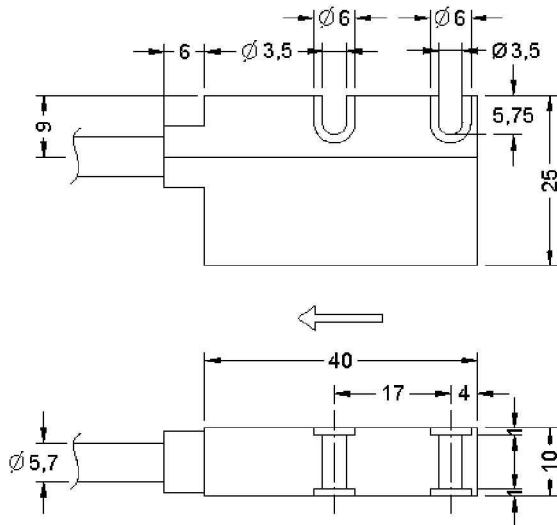


series

SMK



SMK

- Robust magnetic sensor for linear applications
- Gap clearance up to 4.0 mm
- IP67 protection
- Resolution up to 0.01 mm
- Special resolutions possible

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 ÷ 4,0 mm
Travel speed:	2,5 m/s max.
Resolution:	1 / 0,5 / 0,1 / 0,05 / 0,025 / 0,01 mm
System accuracy:	±25 µm max.
Repeatability:	±1 increment

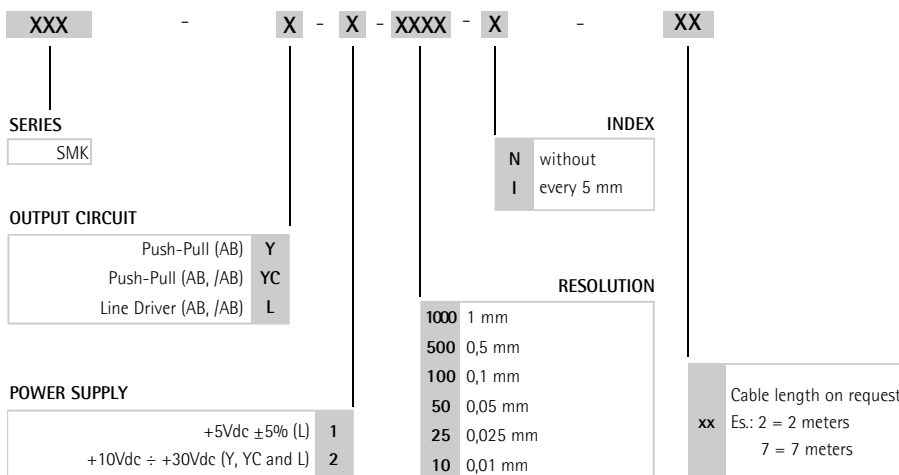
ELECTRICAL SPECIFICATIONS

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) and short-circuit

ACCESSORIES

MT50:	Magnetic tape
PS1:	Protection profile

ORDERING CODE



www.lika.biz
• data sheet
• manual