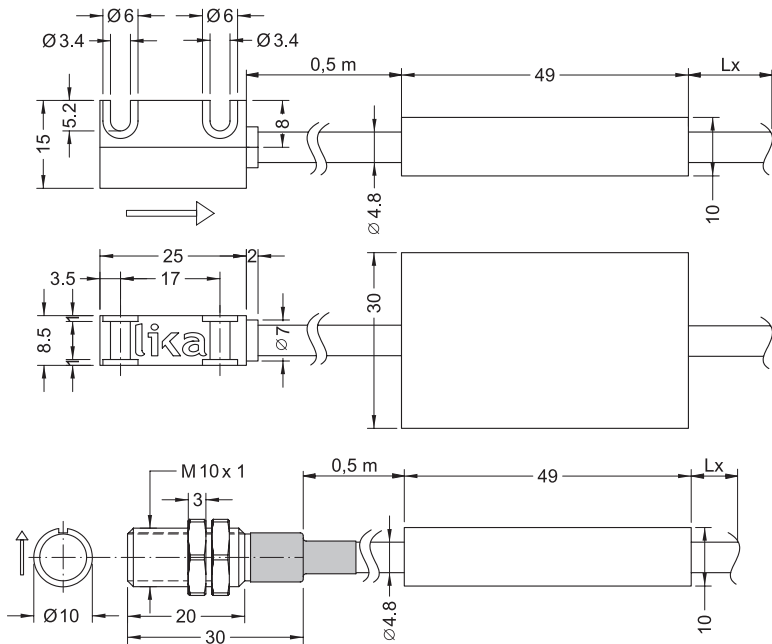


series

**SMBx**



SMBx-R

- Compact sensors with in-line external interpolator
- IP67 protection
- Resolution up to 5 µm

**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:	SMB2 0,1 ÷ 1,0 mm SMB5 0,1 ÷ 2,0 mm
Travel speed:	max 16 m/s
Resolution:	0,1 / 0,01 / 0,005 mm
System accuracy:	±15 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)

**ACCESSORIES**

MT50:	Magnetic tape
MT20:	Magnetic tape
PS1:	Protection profile

**ORDERING CODE**

