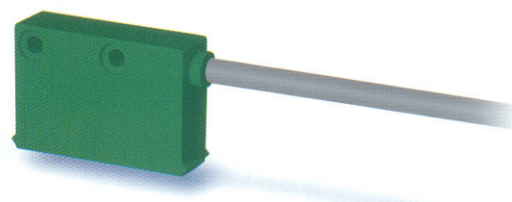
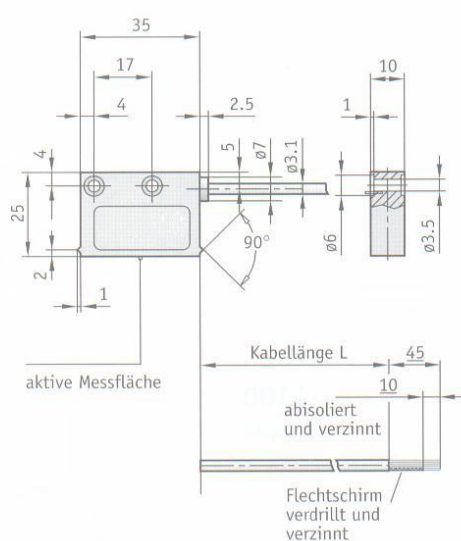


magnetic sensor, linear measurement

- very easy installation
- contactless and wearless
- insensitive to dirt, humidity and vibration
- accuracy $\pm 0.025\text{mm}$
- resolution 0.01mm
- real-time data processing
- robust plastic housing



dim.



electrical connection

wiring	colour
+UB	brown
GND	black
A	red
A invers	yellow
B	orange
B invers	green
I	blue*
I invers	violet*

* for MW11041x only

technical data and article list

sensors

	MW110400	MW110405	MW110410	MW110411	MW110430	MW110435
operating voltage	24V DC ± 20%	5V DC ± 5%	24V DC ± 20%			5V DC ± 5%
current consumption	70mA					
output circuit	Push-Pull	Line Driver	Push-Pull			Line Driver
output signals	A, /A, B, /B		A, /A, B, /B, I, /I		A, /A, B, /B	
max. travel speed	6.9m/s				1.7m/s	
resolution	0.01mm					
system accuracy	±(0.025 + 0.01 × L)mm			(L in m)		
repeatability	± 1increment					
pulse interval	1µs				4µs	
sensor / magn. strip gap	0.4 to 2mm					
ambient temperature	-10 ... +70 °C					
system of protection	IP67 (EN 60529)					
housing material	plastic black					
electrical connection	2m PUR-cable			5m PUR-cable		2m PUR-cable
note	for PLC-counting cards or external counters with min. 250kHz counting frequency				for external counters with min. 100kHz counting frequency	

technical data

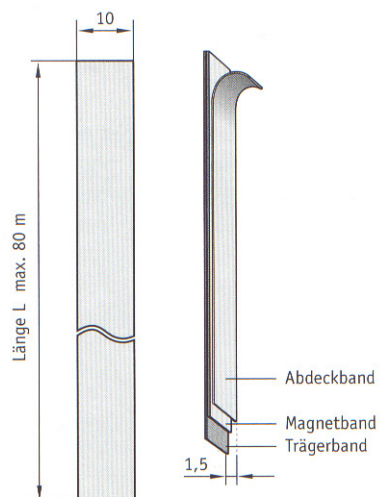
magnetic strip

dim.

width	10mm
thickness	1.5mm
length (maximum)	80m
pole length	5mm
temperature coefficient	$(11 \pm 1) \mu\text{m/K}$
material of cover tape	stainless steel
ambiente temperature	-20 °C to +70 °C
system of protection	IP 67

article no.

AM000059



technical data

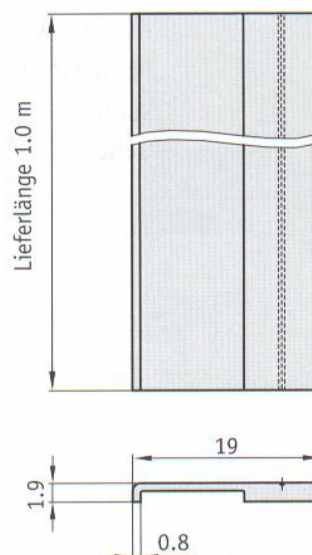
section rail

dim.

length	1m
material	aluminium
mounting	fixing by screws

article no.

AM000050



Warning: Never use these devices in applications where the safety of a person depends on their functionality!