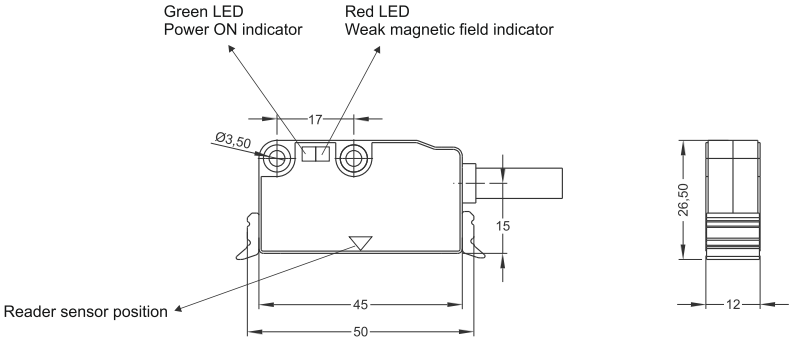
Magnetic Linear Incremental Encoder

- 2,5 / 5 / 10 / 12,5 / 20 / 25 µm resolution as standard
- Other options on request
- Magnetic contactless measurement
- Push-Pull, TTL Linedriver or HTL Linedriver output options
- Single referance standard or continous reference optional
- Weak magnetic field and power on LEDs
- IP 66 protection

Technical specifications

Pole pitch	2 mm, 5 mm
Gap between reader head and tape (max.)	B5: 2.5 mm, B2: 1 mm
Resolution	2,5 / 5 / 10 / 12,5 / 20 / 25 µm resolution (4x mode)
Type of measurement	Magnetic incremental non-contact
Accuracy	±15 µm
Output type	Push-Pull, TTL Linedriver, HTL Linedriver
Supply voltage	8-24 VDC (standard), 5 VDC (optional)
Electrical connections	2,5 m cable (standard), 1 m cable with DB9 connector (optional)
Case material	Anodized aluminium
Max. speed	3 m/s with LED indicator (standard) 15 m/s without LED indicator (optional)
IP degree	IP 66
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C



Linedriver Cable Output

Ch A : Black
Ch A inv. : Yellow
Ch B : White
Ch B inv. : Green
Ch Z : Orange
Ch Z inv. : Red
+V : Brown
0V : Blue
GND : Shield

Push-Pull Cable Output

Ch A : Black
Ch B : White
Ch Z : Orange
+V : Brown
0V : Blue
GND : Shield

Model	Resolution	Output type	Pole pitch	Output channels	Supply voltage	Connector / Cable
(example) MLI	T20	LTP	5	B	V2	1M
MLI	T10 : 2,5 µm T20 : 5 µm T40 : 10 µm T50 : 12,5 µm T80 : 20 µm T100: 25 µm	LTP : Push-Pull TT : TTL Linedriver HLD: High Linedriver	2: 2mm pole pitch 5: 5mm pole pitch	B : A, B 5Z: A, B, Z (Continues reference)	V1: 5V DC V2: 8-24V DC	1M : 1 meter cable (standard) 2M5: 2,5 meter cable 9C : 0,5 meter cable with 9 pin connector