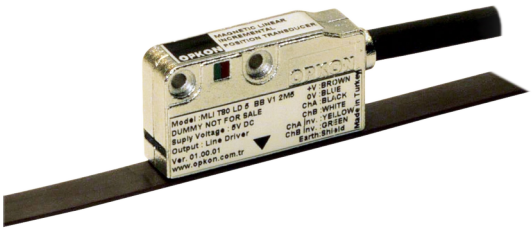
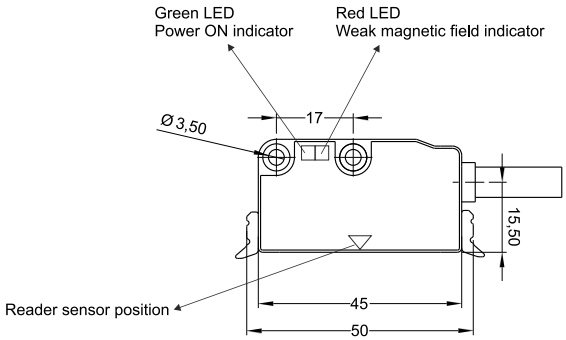
Magnetic linear incremental encoders

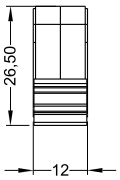
+ 2,5 / 5 / 10 / 12,5 / 20 / 25 micron resolution (other options on request)
+ Magnetic contactless measurement
+ Push-pull, TTL Linedriver or HTL Linedriver output options
+ Single or Continues reference (optional)
+ Weak magnetic field and power on LEDs
+ IP 66 protection



Technical specifications

Type of measurement	Magnetic incremental non-contact
Resolution	2,5 / 10 / 12,5 / 20 / 25 micron resolution
Accuracy	± 0.04 mm
Output channels	B : A,B Z : A, B, Z (Single refersnce) 5Z : A, B, Z (Continues refersnce)
Output type	Push-pull, TTL Linedriver, HTL Linedriver
Supply voltage	8-24VDC (Standard), 5VDC (Optional)
Sensing distance	For 2mm magnet 1mm max., (for 5mm magnet max 2.5mm)
Electrical connections	2,5m cable (Standard), 1m cable with DB9 connector
Case material	Anodized aluminium
Max. speed	3 m/s
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
+V : Brown
0V : Blue
GND : Shield

Push-pull Cable Output

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

Model	Pole pitch	Resolution	Output type	Output channels	Supply voltage	Connector / Cable
(example) MLI	B5	T20	LTP	B	V2	1M
MLI	B5 : 5mm pole pitch B2 : 2mm pole pitch 2B5 : 2,56mm pole pitch	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	B : A, B Z : A, B, Z (Single refersnce) 5Z : A, B, Z (Continues refersnce)	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