



**mm MLI**

**Features**

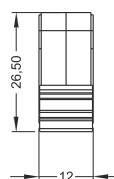
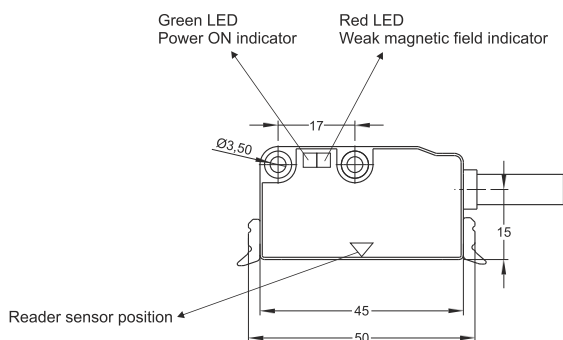
- 2,5/5/10/12,5/20 /251µm resolution (other options on request)
- Magnetic contactless measurement
- Push-pull, TTL Linedriver or HTL Linedriver output options
- Single or Continues reference (optional)
- Weak magnetic field and power on LEOs



**Technical Specifications**

|                        |  |
|------------------------|--|
| Type of measurement    | Magnetic incremental non-contact                   |
| Resolution             | 2,5/5/10/12,5/20 /25 1µm resolution (4x mode)      |
| Accuracy               | ± 15µm   |
| Output type            | Push-Pull, TTL Linedriver, HTL Linedriver          |
| Supply voltage         | 8-24VDC (Standard), 5VDC (Optional)                |
| Electrical connections | 2,5m cable (Standard), 1m cable with 089 connector |

|                       |  |
|-----------------------|--|
| Case material         | Anodized aluminium   |
| Max. Speed            | 3 m/s with LED indicator<br>15 m/s without LED indicator as 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
- +V : Brown
- 0V : Blue
- GND : Shield

**Push-Pull Cable Output**

- Ch A : Black
- Ch B : White
- +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<br>T20 : 5 µm<br>T40 : 10 µm<br>T50 : 12,5 µm<br>T80 : 20 µm<br>T100: 25 µm | LTP : Push-pull<br>TT : TTL Linedriver<br>HLD : High Linedriver | 5 : 5mm pole pitch | B : A, B<br>5Z : A, B, Z (Continues reference) | V1 : 5V DC<br>V2 : 8-24V DC | 1M : 1 meter cable (standard)<br>2M5 : 2,5 meter cable<br>9C : 0,5 meter cable with 9 pin connector |

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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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