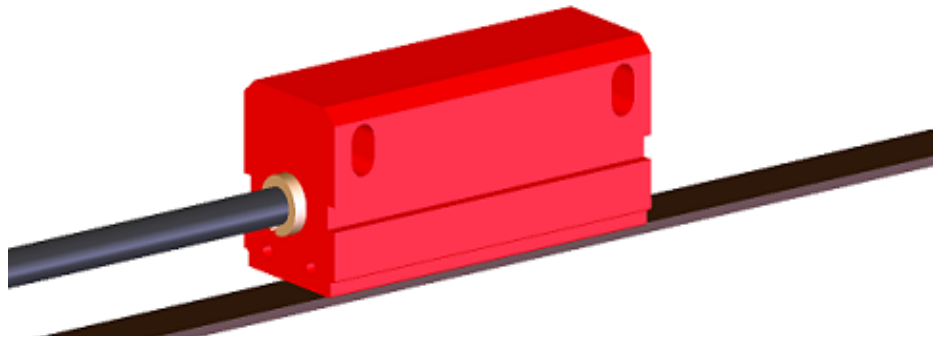


## Linear Magnetic Incremental Measurement Systems

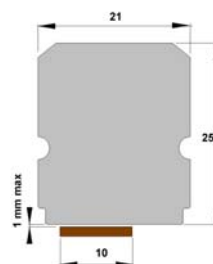
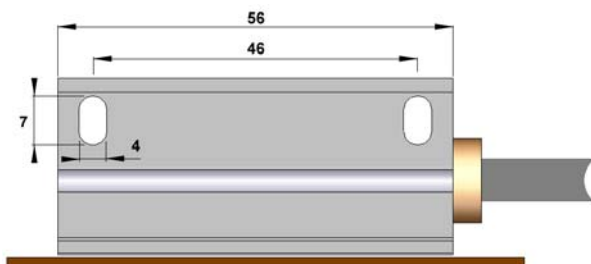


### Main Applications

Marble / Stone Machineries, Wood Processing Machineries, Long Length Measurement and General Automation Applications

### Specifications

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| Type of measurement                     | Magnetic incremental contactless               |
| Resolution                              | 0.08 mm (80 micron)                            |
| Supply voltage                          | 8-24 VDC (Standard) or 5 VDC (Optional)        |
| Output signals                          | A, B or A, A', B, B'                           |
| Output signal type                      | Totempole (Push-Pull) or Linedriver (Optional) |
| Max. speed                              | 3 m/s                                          |
| Working temperature                     | -20 °C .... + 80 °C                            |
| Protection                              | IP 66                                          |
| Cable length                            | 5 m Standard                                   |
| Measurement stroke / Magnet tape length | 20 m Max.                                      |
| Sensing distance                        | 1 mm Max.                                      |



### Pin / Cable Configuration

Ch A : Black  
Ch B : White  
+24V : Brown  
GND : Blue  
NC : Red  
Earth : Shield

### Ordering Procedure / An Order Sample

| MLI   | T80                     | TP                                                    | 2.56                           | B                                                 | 24V                                                | 3 m                            |
|-------|-------------------------|-------------------------------------------------------|--------------------------------|---------------------------------------------------|----------------------------------------------------|--------------------------------|
| Model | Resolution<br>80 micron | Output type<br>TP = Totempole<br>or<br>LD= Linedriver | Magnetic pole pitch<br>2.56 mm | Output signal<br>B = A, B<br>or<br>BB = A,A',B,B' | Supply voltage<br>24V= 8-24 VDC<br>or<br>5V= 5 VDC | Cable length<br>5 m (Standard) |