



1) nominal length/order length, 2) Width, 3) Height of tape, 4) Magnet layer, 5) Carrier strip, 6) Glue layer, 7) Protective film for removal

Basic features

| | |
|----------------------------|---------------------------------|
| Application | linear/rotary motion |
| Measuring principle | incremental measuring system |
| Series | M07 |
| Style | Magnetic tape |
| Use | for magnetic encoder BML-S2C |

Environmental conditions

| | |
|--|-------------------|
| Ambient temperature | -20...80 °C |
| Ext. magnetic fields max. | 30 mT (no damage) |
| Ext. magnetic fields max., in operation | 1 mT (no effect) |
| Overall system temperature coefficient | 10.5 ppm/K |
| Storage temperature | -20...80 °C |

Material

| | |
|-----------------|--------------------------|
| Material | Magnetic rubber |
| | Carrier: Stainless steel |
| | Mounting tape 0.13 mm |

Mechanical data

| | |
|----------------------------|-----------------------------------|
| Bending radius min. | 120 mm |
| Coding | INC 10 mm |
| Dimension | 10 mm x 1.43 mm x 10 m (WxHxL) |
| Pole width | 10 mm |
| Reference points | without |
| Track, number | 1 |
| Weight | 650 g |

Range/Distance

| | |
|------------------------|----------------------------------|
| Accuracy class | 250 µm referred to 1 m of length |
| Measuring range | 9.96 m |