



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	TSC
Style	Magnetic tape
Use	for magnetic encoder BML SF2

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 0.2 mm
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Mechanical data

Bending radius min.	120 mm
Coding	INC 2 mm
Dimension	10 mm x 1.55 mm x 20 cm (WxHxL)
Pole width	2 mm
Reference points	without
Track, number	1
Weight	13 g

Range/Distance

Accuracy class	18 µm referred to 1 m of length
Measuring range	18 cm