



MT



MT•MTS

- Flexible magnetic scale with adhesive tape and cover strip
- Resistant to debris, liquids and oils

ENVIRONMENTAL SPECIFICATIONS

Operating temperature range:	-40°C ÷ +120°C (-40°F, +248°F)
Storage temperature range:	-40°C ÷ +120°C (-40°F, +248°F)
Protection:	IP67

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Material:	plastic and steel
Accuracy class:	±85 / ±35 / ±8 µm/m
Temperature coefficient:	(11 ± 1) µm/K
Length:	MT max. 100 m, MTS max. 30 m
Polar pitch:	MT/MTS50 : 5,0 mm, MT/MTS40 : 4,0 mm, MT32 : 3,2 mm MT/MTS20 : 2,0 mm, MT/MTS25 : 2,5 mm, MT10 : 1,0 mm

ACCESSORIES

PS1-1,0:	Protection profile
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ORDERING CODE

XXXX	-	X	-	X	-	X
SERIES		LENGTH		ACCURACY CLASS		COVER STRIP
MT40		1,0 m	1	100 ±85 µm/m		0 not supplied (from 30 m)
MT32		2,0 m	2	50 ±35 µm/m (up to 30 m)		1 supplied
MT10		4,0 m	4	10 ±8 µm/m (up to 10 m)		
MT/MTS50		10,0 m	10			
MT/MTS25		20,0 m	20			
MT/MTS20		30,0 m	30			
		(only MT) 50,0 m	50			
		(only MT) 100,0 m	100			



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• Data-sheet
• User manual