



- Flexible magnetic scale with adhesive tape
- Absolute coding
- Cover strip available on request
- Resistant to debris, liquids and oils
- MTA1, MTA2, MTA5, MTAX, MTAZ series



MTAx

ENVIRONMENTAL SPECIFICATIONS

Protection:	IP67
Operating temperature range:	-25°C +85°C (-13°F +185°F)
Storage temperature range:	-40°C +100°C (-40°F +212°F)

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Material:	plastoferrite and stainless steel
Accuracy class:	see order code
Thermal expansion coefficient:	16 * 10 ⁻⁶ /K
Length:	see order code

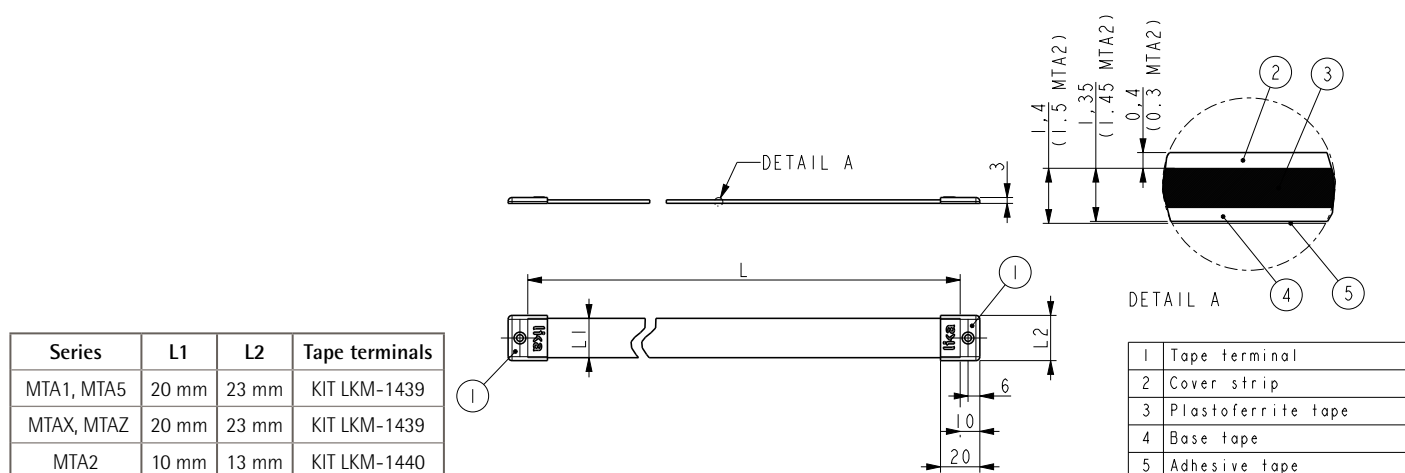
CHEMICAL RESISTANCE INFORMATION

Acetone	••	Mineral / Motor oil	•
Acetylene	••	Petrol	••
Antifreeze (Glacial acetic acid)	•	Seawater	••
Benzene	•••	Steam heat	•
Heptane	•••	Thinner	•••
Kerosene	•	Turpentine	••
Ketone	•••		

• No effect or low effect •• Low to Medium effect ••• Strong effect

ACCESSORIES

KIT LKM-1440:	set of tape terminals (10 pcs)
KIT LKM-1439:	set of tape terminals (10 pcs)



MTAx

Order code

MTA1 MTA5	-	XX a	-	XX b	-	X c	-	/Sxxx d
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a LENGTH 0,1 = 0,1 m 0,2 = 0,2 m ... = ... 0,5 = 0,5 m 1,0 = 1,0 m	1,5 = 1,5 m ... = ... 4,5 = 4,5 m 5,1 m	b ACCURACY CLASS 50 = ±35 µm/m (up to 30 m)	c COVER STRIP 0 = not supplied 1 = supplied (only MTA5)	d CUSTOM VERSION
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Order code

MTA2	-	XX a	-	XX b	-	X c	-	/Sxxx d
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a TAPE LENGTH 1 = 1 m 2 = 2 m 3 = 3 m 4 = 4 m	5 = 5 m 6 = 6 m 7 = 7 m 8,2 = 8,2 m	b ACCURACY CLASS 40 = ±40 µm/m	c COVER STRIP 1 = supplied	d CUSTOM VERSION
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Order code

MTAX - XXX MTAZ - XXXX a	-	XX b	-	X c
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a TAPE LENGTH (measuring length) MTAX-280 = 280 mm (ML = 200) MTAX-380 = 380 mm (ML = 300) MTAX-680 = 680 mm (ML = 600) MTAZ-1330 = 1330 mm (ML = 1250)	b ACCURACY CLASS 50 = ± 35µm/m	c COVER STRIP 0 = not supplied 1 = supplied	Product combination: SMAX + MTAX, SMAZ + MTAZ
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Document release	Date	Description
1.1	29.10.2020	MTA2 order code updated (removed 0 from cover strip)