

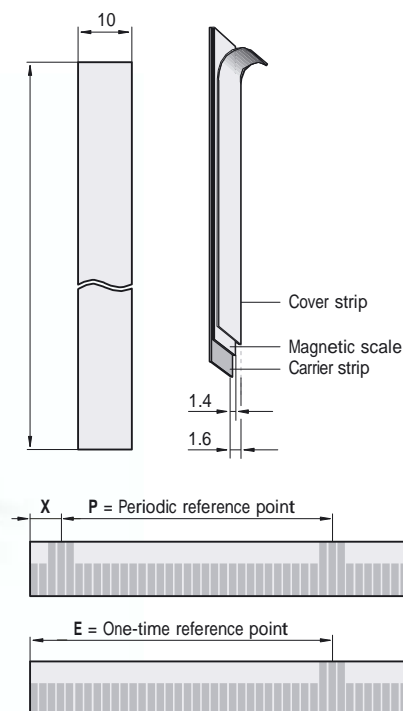
Inoservo Magnetic Scale MS100

The magnetic scale consists of a magnetic tape magnetized at regular distances and firmly joined with the carrier strip. For mounting a special adhesive tape is pre-mounted.



Features:

- easy mounting by simple glueing
- insensitive to humidity, liquids and oil
- insensitive to dust, shavings...
- highest accuracy



Reference points, all in m

X	P	E
0.02	0.02/ 0.06/ 0.1/ 0.14	0.02/ 0.08/ 0.14/
0.2	0.18/ 0.22/ 0.26/ 0.34	0.26/ 0.32/ 0.38/
	0.44	

Feature	Ordering data	Technical data	Additional information
Length	... A	length in meter, available in steps of 100 mm	ordering length = required length + 30 mm
Width	10 5	10 mm 5 mm	standard
Precision class	0.01 0.05	10µm, ordering length 4000 mm 50µm, max. ordering length 90000 mm	standard
Carrier material	St VA	spring steel strip stainless steel strip	standard
Adhesive carrier band	TM TO	with without	standard
Cover strip	AM AO	with without	standard
Reference point	O E P	without one time periodic	standard only for 10 mm width only for 10 mm width
Position of E reference point (ohne-time) or	0.02 H	in m	standard, see drawing
Position of P reference point (periodic)	0.02 I	in m	standard, see drawing
Temperature coefficient		$(11 \pm 1) \times 10^{-6} / K$	
Temperature ranges		working temperature: -20 ... +70° C	storage temperature: -40 ... +70° C
Type of protection		IP67 according to DIN VDE 0470	
Mounting type		glued joint	pre-mounted special adhesive tape

Your order:

MS100 - - - - - - - - -