

# KUEBLER - LIMES ABSOLUTE MAGNITUDE SENSOR LA10 MAGNETIC TAPE BA1

SERIE 8.LA10

- Resolution up to 1  $\mu\text{m}$
- CANopen / SSI
- Contactless measurement technology
- Max. 8 metres



## Product description

Linear transducers are used to measure an absolute linear position with high accuracy, such as woodworking machines, lathes, material handling, traverses, etc. The sensor is almost completely insensitive to dirt and moisture and can therefore be used in difficult environments, it is dense and has no moving parts. The sensor is mounted to read on a magnetic tape with self-adhesive underside.

Please refer to the images below for ordering information.

Order code sensor head Limes LA10		8.LA10 . 12X2 Type      a   b   c   d			
<b>a</b> Model	<b>c</b> Output circuit / Power supply			<b>d</b> Type of connection	
1 = IP64, standard	1 = SSI, 25 bit Gray-Code / 10 ... 30 V DC			2 = standard, M12 connector, 12 pin	
<b>b</b> baud rate	2 = SSI, 25 bit Gray-Code, SinCos 1 Vpp / 10 ... 30 V DC			<i>Stock types</i>	
2 = standard (CANopen, 250 k)	3 = CANopen, without bus terminating resistor / 10 ... 30 V DC			8.LA10.1212      8.LA10.1232	
	4 = CANopen, with bus terminating resistor / 10 ... 30 V DC			8.LA10.1242	
	5 = CANopen, SinCos 1 Vpp, without bus terminating resistor / 10 ... 30 V DC			<i>Scope of delivery</i>	
	6 = CANopen, SinCos 1 Vpp, with bus terminating resistor / 10 ... 30 V DC			sensor head + spacing template	

Order code magnetic band Limes BA1		8.BA1 . 10 . 010 . XXXX Type      a      b			
<b>a</b> Width	<b>b</b> Length (measuring range = length - 0.1 m)	<i>Optional on request</i>		<i>Stock types</i>	
10 = 10 mm	0005 = 0.5 m      0040 = 4 m	- other lengths		8.BA11.10.010.0080	
	0010 = 1 m      0060 = 6 m				
	0020 = 2 m      0080 = 8 m				
	0030 = 3 m				

