

KUEBLER - LIMES ABSOLUTE MAGNITUDE SENSOR LA10 MAGNETIC TAPE BA1

SERIE 8.LA10



- Resolution up to 1 μm
- 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.LA.10	.	1	2	X	2
Type		a	b	c	d

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

Order code
magnetic band Limes BA1

8.BA1	.	10	.	010	.	XXXX
Type		a				b

- | | | | |
|----------------|--|---------------------|--------------------|
| a Width | b Length (measuring range = length - 0.1 m) | Optional on request | Stock types |
| 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 | | |

