

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

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

