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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 . 1 2 X 2
Type — a b c d

a *Model*
1 = IP64, standard

b *baud rate*
2 = standard (CANopen, 250 k)

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

Stock types
8.LA10.1212 8.LA10.1232
8.LA10.1242

Scope of delivery
sensor head + spacing template

Order code magnetic band Limes BA1

8.BA1 . 10 . 010 . XXXX
Type — a — b

a *Width*
10 = 10 mm

b *Length (measuring range = length - 0.1 m)*
0005 = 0.5 m
0010 = 1 m
0020 = 2 m
0030 = 3 m
0040 = 4 m
0060 = 6 m
0080 = 8 m

Optional on request
- other lengths

Stock types
8.BA11.10.010.0080

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