

SERIE 8.LA10



- Resolution up to 1 μm
- CANopen / SSI
- Contactless measurement technology
- Max. 8 metres

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	<div> <div>8.LA10</div> <div>Type</div> </div> <div> <div>1</div> <div>2</div> <div>X</div> <div>2</div> </div> <div> <div>a</div> <div>b</div> <div>c</div> <div>d</div> </div>	
a <i>Model</i> 1 = IP64, standard	c <i>Output circuit / Power supply</i> 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 <i>Type of connection</i> 2 = standard, M12 connector, 12 pin
b <i>baud rate</i> 2 = standard (CANopen, 250 k)		<i>Stock types</i> 8.LA10.1212 8.LA10.1232 8.LA10.1242
		<i>Scope of delivery</i> sensor head + spacing template

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

