MAGNETIC LINEAR SCALES (ABSOLUTE TYPE)

VIDEO

IP65 WATERPROOF



reader
LSK-A12



magnetic linear scale

application



- Absolute encoder, the original data remains after power off
- Support multiple communication protocols
- Cable length: 0.5m (can be customized up to 15m)
- Dust/waterproof: IP65

READER SPECIFICATION

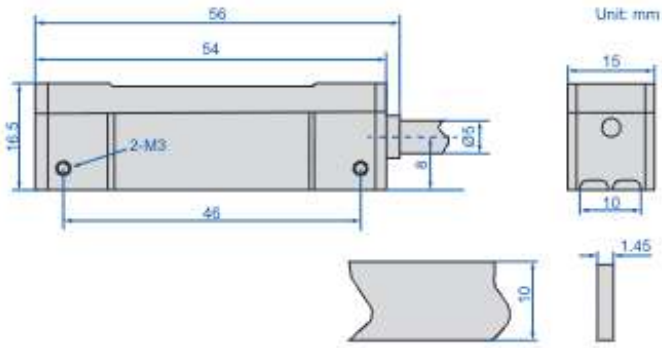
Code	Resolution	Repeatability	Max. response speed	Power supply	Current	Output protocol*	Output interface
LSK-A10	0.1μm	±0.5μm	5m/s	5V±5%	<200mA	BISS-C	
LSK-A11	0.5μm	±1μm					
LSK-A12	1μm	±2μm					
LSK-A20	0.1μm	±0.5μm					
LSK-A21	0.5μm	±1μm					
LSK-A22	1μm	±2μm					
LSK-A30	0.1μm	±0.5μm					
LSK-A31	0.5μm	±1μm					
LSK-A32	1μm	±2μm					

*The communication protocol can be customized to SSI, Panasonic, Tamagawa and RS485

MAGNETIC LINEAR SCALE

Code	Length**	Code	Length**
LSK-E1	1m	LSK-E9	9m
LSK-E2	2m	LSK-E10	10m
LSK-E3	3m	LSK-E11	11m
LSK-E4	4m	LSK-E12	12m
LSK-E5	5m	LSK-E13	13m
LSK-E6	6m	LSK-E14	14m
LSK-E7	7m	LSK-E15	15m
LSK-E8	8m	LSK-E16	16m

**Customized length according to customer requirements



MAGNETIC LINEAR SCALE SPECIFICATION

Pitch	2+2mm
Accuracy	±40μm
Max. length	16.3m

OPTIONAL ACCESSORY

Code	Name	Description
LSK-B01	assistant tool	mounting magnetic linear scales



assistant tool (**optional**)

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