

OPEN-TYPE STEEL LINEAR SCALES

IP40
WATERPROOF



reader
LSA-A03



steel linear scale
LSA-B1

- Connected to digital readouts (optional code: **ISL-DR2/SR3** and **ISL-LCD7**) or PLC
- Can set the zero origin arbitrarily
- Optically coated lens, high depth of field, improve signal-to-noise ratio
- Cable length: 3m (can be customized up to 15m)

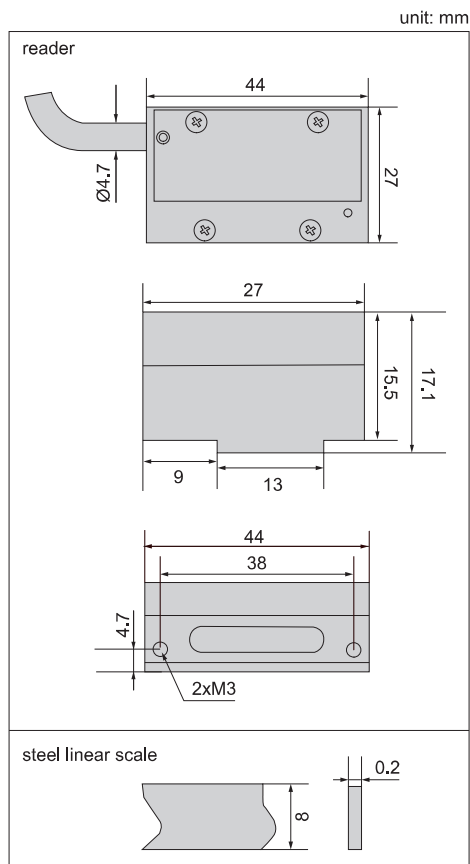
READER SPECIFICATION

Code		LSA-A01	LSA-A02	LSA-A03
Resolution		0.1μm	0.5μm	1μm
Output signal		TTL		
Socket		DB 9		
Electronic subdivision error		<40nm		
Max. response speed		2.5m/s (related to resolution and counter min. clock)		
Unidirectional repeatability of reference origin		1 resolution		
Operating environment	work	0~60°C, ≤80% (non-condensing)		
	storage	-20~70°C, ≤80% (non-condensing)		
Dust/waterproof		IP40		
Weight		30g		

STEEL LINEAR SCALE CODE

Code	Length*	Code	Length*
LSA-B1	1m	LSA-B6	6m
LSA-B2	2m	LSA-B7	7m
LSA-B3	3m	LSA-B8	8m
LSA-B4	4m	LSA-B9	9m
LSA-B5	5m	LSA-B10	10m

* Customized length (max. 10m) according to customer requirements



assistant tool (optional)



application

STEEL LINEAR SCALE SPECIFICATION

Pitch	20μm
Accuracy	±5μm/m

OPTIONAL ACCESSORY

Code	Name	Description
LSA-C01	assistant tool	mounting steel linear scales