

# DIGITAL LINEAR GAUGES



DUSTPROOF  
WATERPROOF

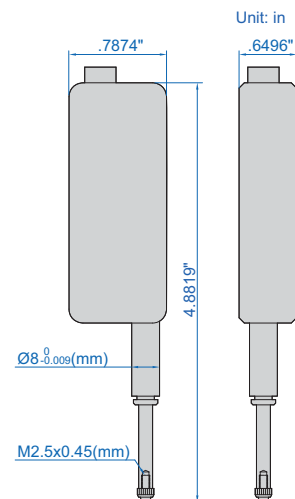
ABSOLUTE ENCODER, THE ORIGINAL  
DATA REMAINS AFTER POWER OFF



7130-10-U



7130-10L-U



- Scale type: optical grating
- Absolute encoder, the original data remains after power off
- Digital signal output, amplifier is not required
- Measuring force:  $\leq 1.5N$
- Dust/waterproof: IP43/IP66
- Baud rate: 9600 (can be customized)
- Cable length: 9.84Ft (can be customized)




## Dust/waterproof IP43, resolution 10µin

Code	Range	Repeatability	Accuracy	Outgoing cable direction	Output signal	Output interface
7130-10-U	.45"	20µin	40µin	horizontal	RS232, TTL level	
7130-10L-U	.45"	20µin	40µin	vertical	RS232, TTL level	
7130-11-U	.45"	20µin	40µin	horizontal	RS232, 232 level	
7130-11L-U	.45"	20µin	40µin	vertical	RS232, 232 level	
7130-12-U	.45"	20µin	40µin	horizontal	RS485 (VCC+5~12V)	
7130-12L-U	.45"	20µin	40µin	vertical	RS485 (VCC+5~12V)	
7130-13-U	.45"	20µin	40µin	horizontal	RS232, TTL level	
7130-13L-U	.45"	20µin	40µin	vertical	RS232, TTL level	
7130-14-U	.45"	20µin	40µin	horizontal	RS232, 232 level	
7130-14L-U	.45"	20µin	40µin	vertical	RS232, 232 level	




## Dust/waterproof IP43, resolution 20µin

Code	Range	Repeatability	Accuracy	Outgoing cable direction	Output signal	Output interface
7130-20-U	.45"	60µin	120µin	horizontal	RS232, TTL level	
7130-20L-U	.45"	60µin	120µin	vertical	RS232, TTL level	
7130-21-U	.45"	60µin	120µin	horizontal	RS232, 232 level	
7130-21L-U	.45"	60µin	120µin	vertical	RS232, 232 level	
7130-22-U	.45"	60µin	120µin	horizontal	RS485 (VCC+5~12V)	
7130-22L-U	.45"	60µin	120µin	vertical	RS485 (VCC+5~12V)	
7130-23-U	.45"	60µin	120µin	horizontal	RS232, TTL level	
7130-23L-U	.45"	60µin	120µin	vertical	RS232, TTL level	
7130-24-U	.45"	60µin	120µin	horizontal	RS232, 232 level	
7130-24L-U	.45"	60µin	120µin	vertical	RS232, 232 level	

**Dust/waterproof IP66, resolution 10µin**

Code	Range	Repeatability	Accuracy	Outgoing cable direction	Output signal	Output interface
7130-30-U	.45"	20µin	40µin	horizontal	RS232, TTL level	
7130-30L-U	.45"	20µin	40µin	vertical	RS232, TTL level	
7130-31-U	.45"	20µin	40µin	horizontal	RS232, 232 level	
7130-31L-U	.45"	20µin	40µin	vertical	RS232, 232 level	
7130-32-U	.45"	20µin	40µin	horizontal	RS485 (VCC+5~12V)	
7130-32L-U	.45"	20µin	40µin	vertical	RS485 (VCC+5~12V)	
7130-33-U	.45"	20µin	40µin	horizontal	RS232, TTL level	
7130-33L-U	.45"	20µin	40µin	vertical	RS232, TTL level	
7130-34-U	.45"	20µin	40µin	horizontal	RS232, 232 level	
7130-34L-U	.45"	20µin	40µin	vertical	RS232, 232 level	

**Dust/waterproof IP66, resolution 20µin**

Code	Range	Repeatability	Accuracy	Outgoing cable direction	Output signal	Output interface
7130-40-U	.45"	60µin	120µin	horizontal	RS232, TTL level	
7130-40L-U	.45"	60µin	120µin	vertical	RS232, TTL level	
7130-41-U	.45"	60µin	120µin	horizontal	RS232, 232 level	
7130-41L-U	.45"	60µin	120µin	vertical	RS232, 232 level	
7130-42-U	.45"	60µin	120µin	horizontal	RS485 (VCC+5~12V)	
7130-42L-U	.45"	60µin	120µin	vertical	RS485 (VCC+5~12V)	
7130-43-U	.45"	60µin	120µin	horizontal	RS232, TTL level	
7130-43L-U	.45"	60µin	120µin	vertical	RS232, TTL level	
7130-44-U	.45"	60µin	120µin	horizontal	RS232, 232 level	
7130-44L-U	.45"	60µin	120µin	vertical	RS232, 232 level	