DIGITAL LINEAR GAUGES

DUSTRPROOF WATERPROOF
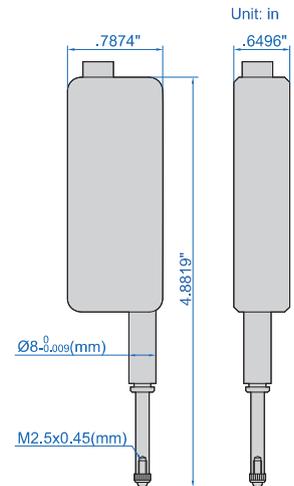
ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

7130-10-U

7130-10L-U

Unit: in

.7874" .6496"

4.8819"

Ø8-0.009(mm)

M2.5x0.45(mm)

- Scale type: optical grating
- Absolute encoder, the original data remains after power off
- Digital signal output, amplifier is not required
- Measuring force: ≤1.5N
- Dust/waterproof: IP43/IP66
- Baud rate: 9600 (can be customized)
- Cable length: 9.8425Ft (can be customized)

Dust/waterproof IP43, resolution 10µin

Part No.	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	

✱ optional data output cable **7302-7130** or wireless transmitter **7315-7130**

Dust/waterproof IP43, resolution 20µin

Part No.	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	

✱ optional data output cable **7302-7130** or wireless transmitter **7315-7130**

Dust/waterproof IP66, resolution 10μin

Part No.	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	

* optional data output cable **7302-7130** or wireless transmitter **7315-7130**

Dust/waterproof IP66, resolution 20μin

Part No.	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	

* optional data output cable **7302-7130** or wireless transmitter **7315-7130**

OPTIONAL ACCESSORY

Data output cable (keyboard format)	7302-7130
Wireless transmitter (need receiver) *	7315-7130
Software of linear gauge	7130-SOFTWARE

* receiver part No. **7315-2/3/6/7/8/9**