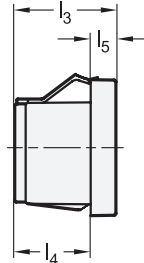
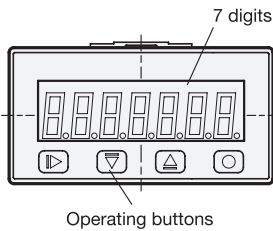
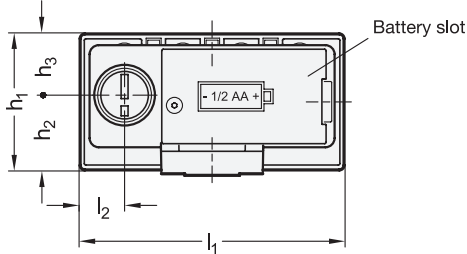


Display

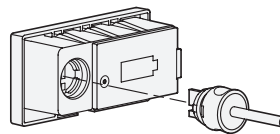


Operating buttons

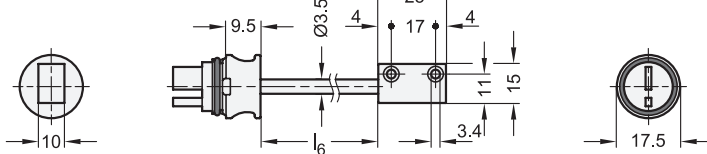
View from rear



Assembly instruction



Sensor



1 Identification no.

- 1 Protection class IP 54
- 2 Protection class IP 67

2 Coding

- E No wireless data transmission

Metric table

Dimensions in: millimeters - inches

I ₆ Cable length in meters							I ₁	I ₂	I ₃	I ₄	I ₅	h ₁	h ₂	h ₃
0.2	0.3	0.5	0.8	1.2	2	2.5	72	12	28	21	7	37	20.5	16.5
							2.83	0.47	1.10	0.83	0.28	1.46	0.81	0.65

Specification

- Housing
Plastic
Technopolymer (Polyamide PA)
- Glass fiber reinforced
- Black, matte finish
- Retaining clip
Plastic
Technopolymer (Polyacetal POM)
Black, matte finish
- LCD display
Plastic
Technopolymer (Polycarbonate PC)
- Sensor
Zinc die-cast, nickel plated
- Cable (outer sheath)
PVC sheathing
Plug, glass fiber reinforced polyamide (PA),
black, NBR O-ring
- IP Protection Classes → page QVX
- Plastic Characteristics → page QVX
- RoHS compliant

Information

Magnetic measuring systems EN 7110 and magnetic bands EN 7110.2 together form a complete system for length and angle measurement. They are suitable for applications requiring frequent adjustments, such as at cutting and trimming stations.

see also...

- Magnetic Bands EN 7110.2 → page QVX

How to order

EN 7110-1-E-1.2

- 1 Identification no.
- 2 Coding
- 3 Cable length I₆

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

Electrical and mechanical properties	
Tension feed	Lithium battery 1/2 AA 3.6 V
Battery life	3 years
Display	7-digit LCD display, 12 mm high with special character support
Reading scale	-199999; 999999
Number of decimal digits	programmable (see operating instruction)
Units of measure	mm, inch or degrees (programmable)
Max operating speed	1 - 5 m/s programmable (reading speed affects battery life)
Resolution	0.01 mm / 0.001 in / 0.01°
Precision	± 0.03 mm
Repeatability	0.0002 x L mm (L = value measured in mm)
Self-diagnostic	Battery check, sensor check, magnetic tape check
Reverse voltage protection	Yes
Temperature range	32 °F - 122 °F (0 °C - 50 °C)
Operating environment	Internal use
Relative humidity	Max. 95% at 77 °F (25°C) (without condensation)

Configurable display options

One advantage of using an electronic positioning device lies in the wide range of display options of the magnetic measuring system.

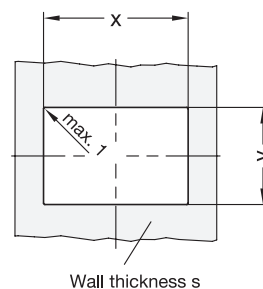
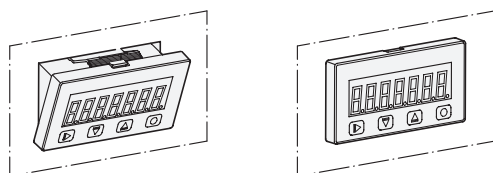
The following settings can be configured with 4 multifunction keys:

- Selecting incremental or absolute measuring mode
- Changing the unit of measurement (mm, inch or degrees)
- Resetting the counter or setting an offset value
- Storage and display of 32 target positions

The lithium battery has a lifespan of over 3 years. A display symbol indicates when the battery needs to be replaced. The battery can be easily replaced by removing the rear cover. If the battery is replaced within 5 seconds, the buffer power supply prevents the loss of the configured parameters. Other important information and instructions can be found in the operating manual. This is included with every measuring system and can be downloaded from www.jwwinco.com in the "Service" section.

Assembly instruction

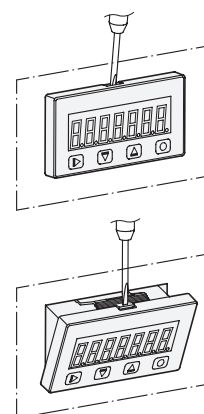
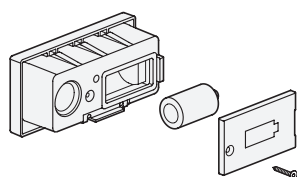
- 1) Please use the dimensions as per the table for the cutout in the housing.
- 2) Deburr the cutout before inserting the display.
- 3) At first, insert the display at the bottom of the opening.
- 4) Then press in the upper part until it snaps completely into place.



Wall thickness s	x +0,2	y -0,5
> 0.7 ... 2	67	34

Battery replacement instructions

- 1) Take out the unit by pressing down on the retaining clip at the top of the housing using a slotted screwdriver.
- 2) Remove the screw on the back side of the housing, and take off the cover.
- 3) Replace the battery, taking care to match the polarity correctly (see the position indicated on the cover).
If the battery is replaced within 5 seconds, the buffer power supply prevents the loss of the configured parameters.



Application example

To ensure an accurate measurement, the distance between the sensor and the magnetic band should not exceed 1 mm. The sensor can be mounted using M3 screws.

