

ELECTRODE LEVEL SENSOR **ELT Series**

Proof Housing: Weather Proof Type

No Moving Parts

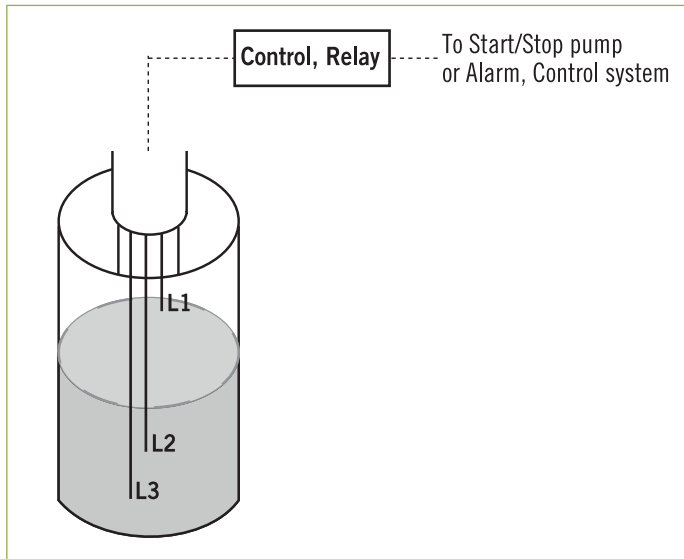
Easy Installation

The electrode level sensor and control relay which are used for the automatic control of liquid. New-Flow electrode sensor ELT series offer several type which set point from 1 to 6 for application on request. The material of sensor are used in SS304 and SS316. The other special material are available on requested.

Technical Data

- Housing Material:** Aluminum Alloy, SS304 and SS316 available
- Enclosure Housing Protection:** Stainless Steel housing: IP65
Aluminum Alloy housing: IP66
- Probe Insulation Material:** PTFE (for ELT101 only); P.P (for ELT102~108)
- Rod Probe:** SS316 standard; option available
- Working Temperature Limit:** PTFE Insulation: -20°C ~ +120°C
P.P Insulation: 0°C ~ +60°C
- Working Pressure Limit:** 10 kg/cm²; other request please consult with the manufacturer
- Process Thread Connection:** 1½"NPT male
- Conduit Connection:** ½"NPT female or ¾"NPT female available
- Flange Connection:** 1½"~3", or consult with the manufacturer
- Isolated Resistance:** >100MΩ up to 4000MΩ; DC500V on request

Measurement Method



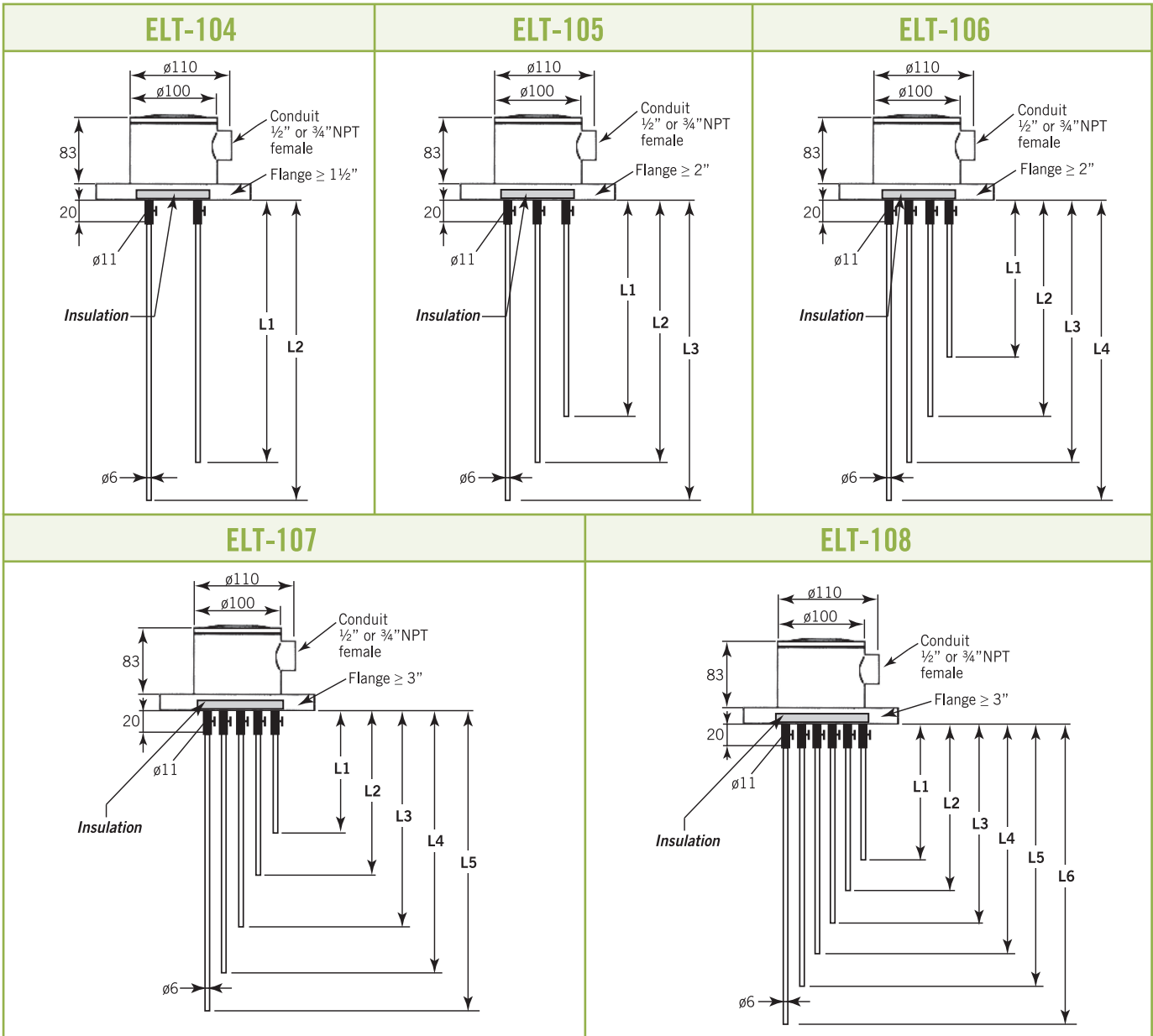
Approvals:



Dimensions-mm

ELT-101	ELT-102	ELT-103
<p>Dimensions diagram for ELT-101. The top housing has a diameter of $\phi 65$ and a height of 100 mm. It features a "Conduit ½" or ¾" NPT female" connection and a "For 1½" NPT(M)" connection. The probe has an "Insulation" section with a diameter of $\phi 19$ and a length of 50 mm. Below the insulation is a "Rod Probe" section with a diameter of $\phi 13$ and a length of 33 mm. The total length of the probe is labeled as L. The bottom diameter of the probe is $\phi 8$. A note says "For ¾" NPT(M) only".</p>	<p>Dimensions diagram for ELT-102. The top housing has a diameter of $\phi 65$ and a height of 100 mm. It features a "Conduit ½" or ¾" NPT female" connection and a "1½" NPT(M)" connection. The probe has an "Insulation" section with a diameter of $\phi 11$ and a length of 20 mm. Below the insulation is a "Rod Probe" section with a diameter of $\phi 6$. The total length of the probe is labeled as L. The distance from the top of the probe to the start of the rod is L1, and the total length of the rod is L2.</p>	<p>Dimensions diagram for ELT-103. The top housing has a diameter of $\phi 65$ and a height of 100 mm. It features a "Conduit ½" or ¾" NPT female" connection and a "1½" NPT(M)" connection. The probe has an "Insulation" section with a diameter of $\phi 11$ and a length of 20 mm. Below the insulation is a "Rod Probe" section with a diameter of $\phi 6$. The total length of the probe is labeled as L. The distance from the top of the probe to the start of the rod is L1, and the total length of the rod is L2. The distance from the top of the probe to the bottom of the rod is L3.</p>

Dimensions-mm



Ordering Information

Model	ELT101	ELT102	ELT103			
	ELT104	ELT105	ELT106	ELT107	ELT108	
Code	Housing Material					
	(1) Aluminum alloy (2) SS304 (3) SS316 (0) option					
Code	Rod Probe Size					
	(1) $\phi 6$ mm (2) $\phi 8$ mm (For ELT-101 only) (3) option (0) Without probe					
Code	Conduit Connection Size					
	(1) 1/2"NPT(F) (2) 3/4"NPT(F) (3) option					
Code	Process Connectoin Size					
A	Thread (1) 1 1/2"NPT(M)					
B	Flange (2) 1 1/2" (3) 2" (4) 2 1/2" (5) 3" (6) option					
Code	Flange Rating					
	(0) without flange (thread type) (1) ANSI 150# (2) JIS 10K (3) option					
Code	Flange Material					
	(0) without (thread type) (1) SS304 (2) SS316 (3) PVC (4) option					
Code	Probe Insertion Length					
	Please fill in the requested length as follows: L1:___ L2:___ L3:___ L4:___ L5:___ L6:___					
						Complete Ordering Code