

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

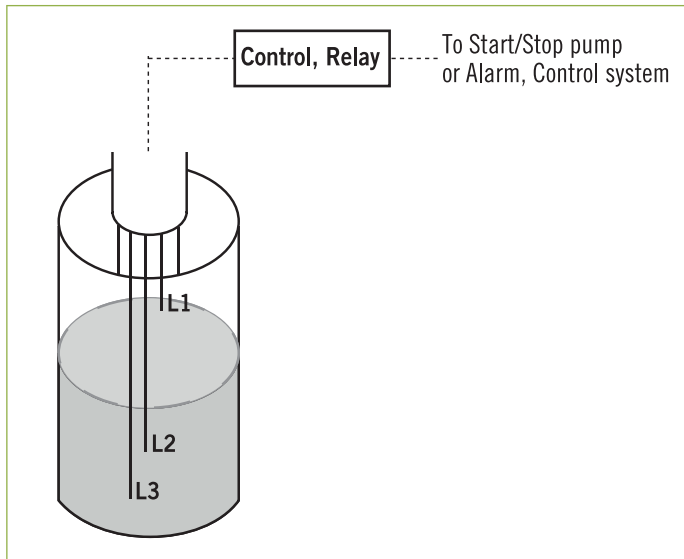
Process Thread Connection: 1½" NPT male

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

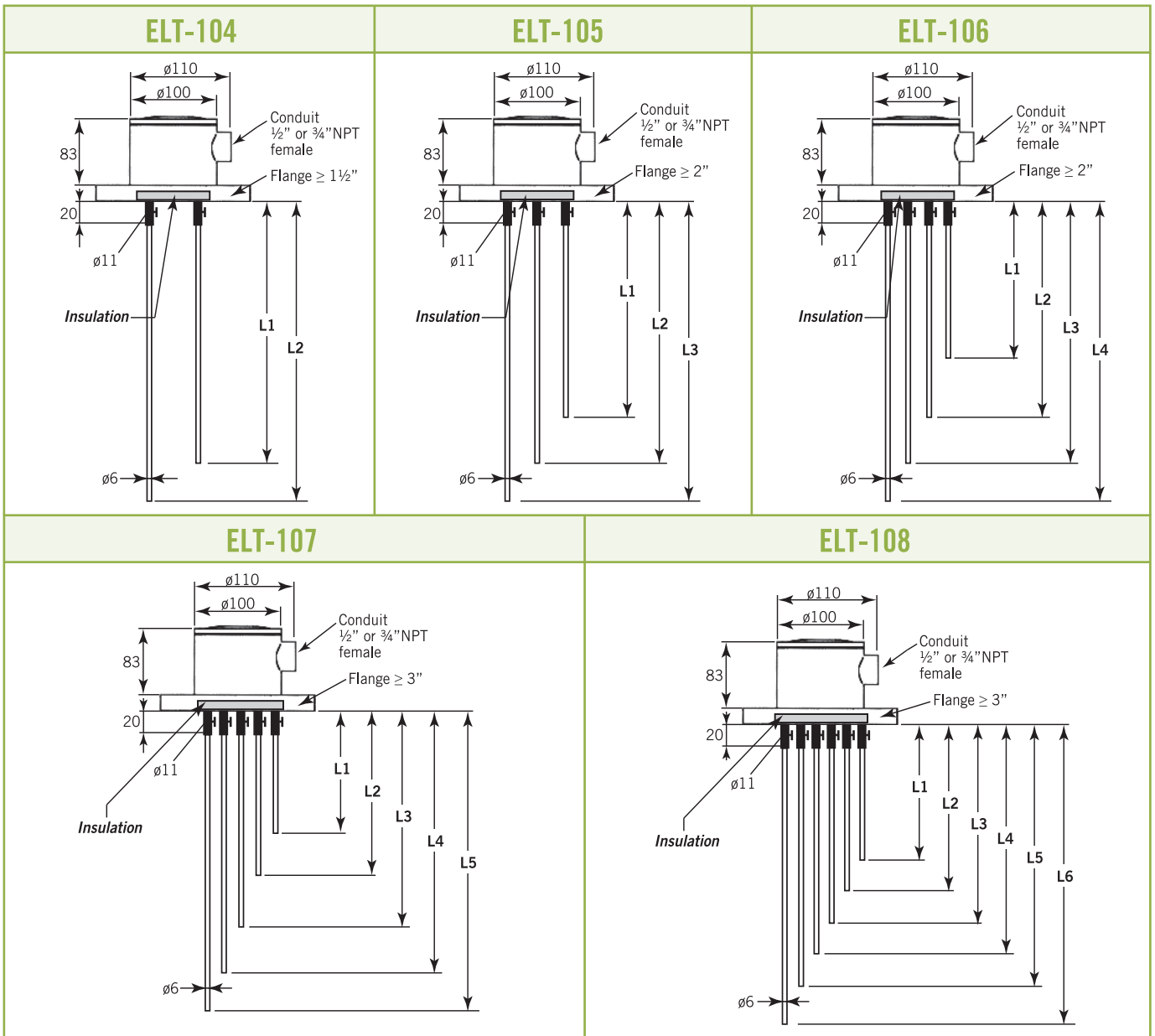
Measurement Method



Dimensions-mm

ELT-101	ELT-102	ELT-103
<p>Dimensions diagram for ELT-101. The housing has a diameter of $\phi 65$ and a height of 100 mm. It features a conduit connection for ½" or ¾" NPT female and a 1½" NPT(M) connection. The probe has an insulation section of 50 mm length with a diameter of $\phi 19$, and a rod probe section of 33 mm length with a diameter of $\phi 13$. The total length of the probe is L. The rod probe diameter is $\phi 8$. A note indicates "For ¾" NPT(M) only".</p>	<p>Dimensions diagram for ELT-102. The housing has a diameter of $\phi 65$ and a height of 100 mm. It features a conduit connection for ½" or ¾" NPT female and a 1½" NPT(M) connection. The probe has an insulation section of 20 mm length with a diameter of $\phi 11$, and a rod probe section of length L1 with a diameter of $\phi 6$. The total length of the probe is L. The rod probe diameter is $\phi 6$.</p>	<p>Dimensions diagram for ELT-103. The housing has a diameter of $\phi 65$ and a height of 100 mm. It features a conduit connection for ½" or ¾" NPT female and a 1½" NPT(M) connection. The probe has an insulation section of 20 mm length with a diameter of $\phi 11$, and a rod probe section of length L1 with a diameter of $\phi 6$. The total length of the probe is L. The rod probe diameter is $\phi 6$.</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) 6mm (2) 8mm (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

WWW.NEW-FLOW.COM • TEL: 886-7-8135500 • FAX: 886-7-8225588 • Email: info@new-flow.com