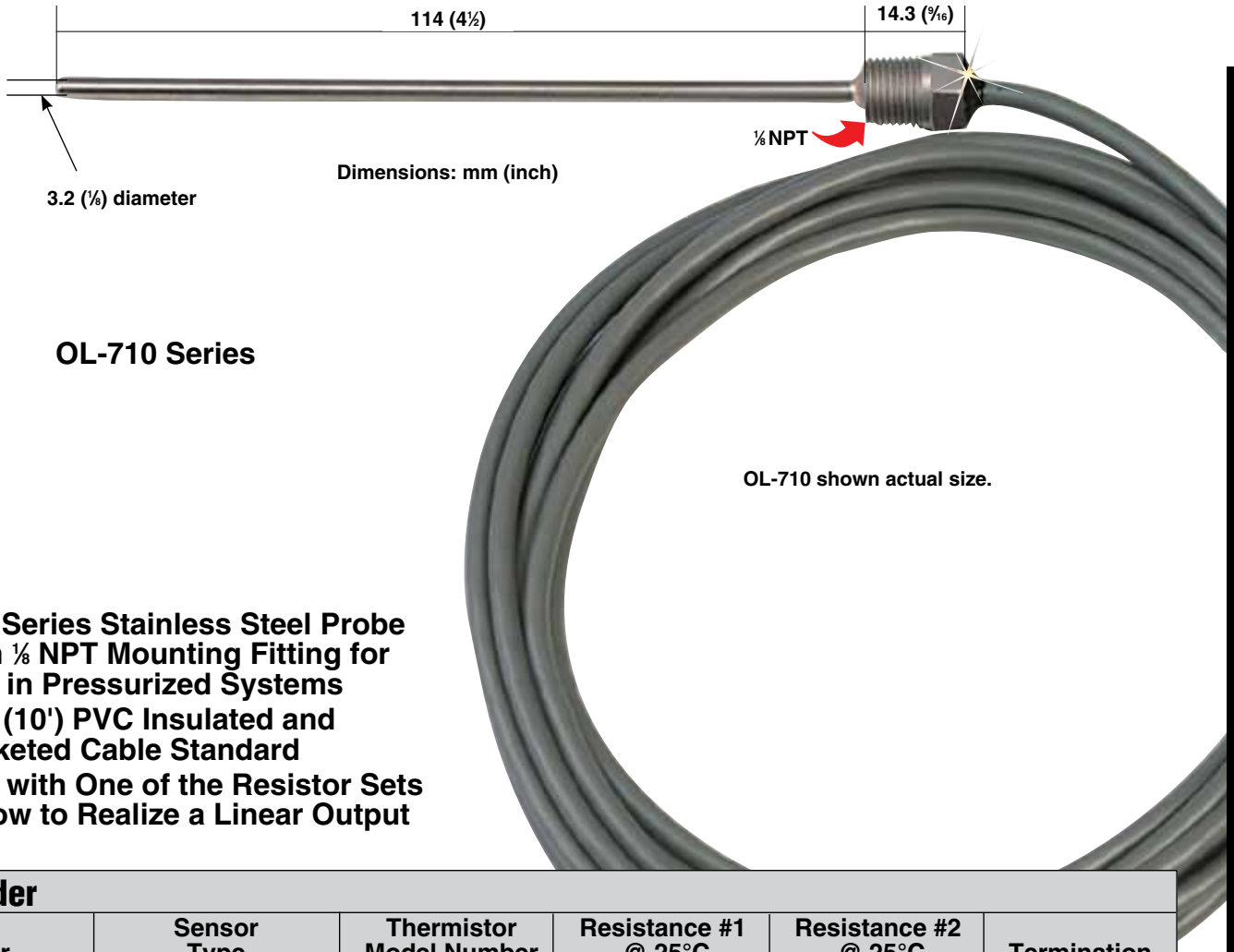
Threaded Fitting Immersion Linear Thermistor Sensors



OL-710 Series

- **300 Series Stainless Steel Probe with ⅛ NPT Mounting Fitting for Use in Pressurized Systems**
- **3 m (10') PVC Insulated and Jacketed Cable Standard**
- **Use with One of the Resistor Sets Below to Realize a Linear Output**

To Order					
Model Number	**Sensor Type**	**Thermistor Model Number**	**Resistance #1 @ 25°C**	**Resistance #2 @ 25°C**	**Termination**
OL-710	Tubular immersion sensor	44018	6000 Ω	30000 Ω	Stripped leads
OL-710-PP	Tubular immersion sensor	44018	6000 Ω	30000 Ω	Phone plug

Optional Resistor Sets

Model Number	Description	Resistor R1	Resistor R2
44301	Resistor set	3200 Ω	6250 Ω
44302	Resistor set	5700 Ω	12000 Ω
44303	Resistor set	18700 Ω	35250 Ω
44304	Resistor set	5700 Ω	12400 Ω

Note: *See omega for additional resistance vs. temperature information.*

Options: *Additional cable length for an additional cost and add the required length (in inches) to the end of the model number as shown below. Add optional resistor sets shown above for linearizing the sensor output based on your specific requirements (see omega.com).*

Ordering Examples: OL-710, *linear threaded fitting immersion thermistor sensor, 3 m (10') of PVC insulated and jacketed cable with stripped leads.*

OL-710-PP, *linear threaded fitting immersion sensor, 3 m (10') of PVC insulated and jacketed cable with phone plug connector.*

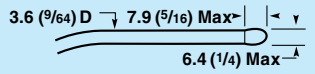
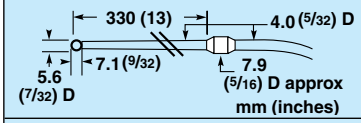
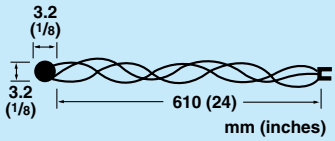
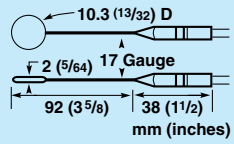
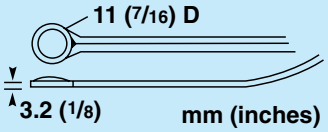
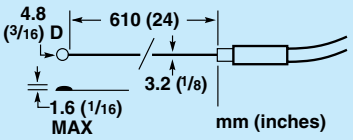
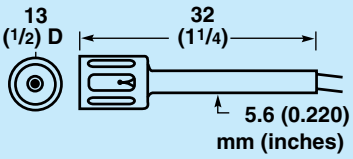
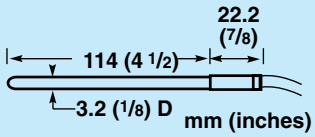
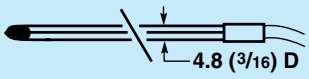
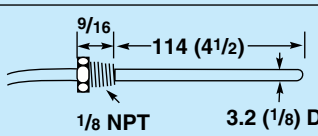
Accessories

Model Number	Description
DP25-TH-A	Thermistor input meter/controller with analog output
HH42	Handheld thermistor thermometer with RS232 communications

Linear Response Probes Series 700

Series 700 Temperature Probes use the 44018 thermistor composite as the temperature sensor. On special order, probes can also be built with 44019 thermistor composite. The purpose of the Series 700 Probes is to provide a complete probe assembly for use with the circuits accepting the 44018 or 44019A thermistor composite.

To Order

Configuration	Model Number	Description
	OL-701	**General Purpose.** Used for short-term water and sub-soil readings. Most rugged. probe. Waterproof construction.
	OL-701-V	**General Purpose.** Water resistant, soft, flexible, vinyl tipped version of above model.
	OL-702	**Small Flexible.** Vinyl sheath and tip. Cuvette temperatures. General purpose measurement.
	OL-731	**General Purpose.** Non-immersible, epoxy tipped probe. Can be plotted in place. Probe is suitable for temperature measurement on surfaces.
	OL-708	**"Banjo" Surface Temperature.** Water bath, air surfaces temperatures. Stainless steel.
	OL-709	**Attachable Surface Temperature.** Stainless steel cup, epoxy backed. Easy to tape on flat surfaces. Good for heat loss or compression efficiency study of piping.
	OL-729	**Small Surface Temperature.** Cuvette, water,bath, leaf and other surfaces. 610 mm (24") PFA-covered flexible wire. Stainless steel disc with epoxy back.
	OL-705 OL-706	**Air Temperature.** Stainless steel probe suitable for test rooms, incubators, remote air readings, monitoring of gas streams. etc. OL-706 has an economical plastic housing.
	OL-703	**Tubular.** Stainless steel probe for rugged duty. Often used for liquid immersion. Probe is immersible only to cap.
	OL-704	**Tubular-Glass.** Chemically inert for liquid immersion use. Thermometric titration. Freezing point determination. Pyrex, 127 mm (5") long.
	OL-710	**Tubular With Fitting.** Rugged, stainless steel probe with pipe fitting. Suitable for taking readings in pipes or inside closed vessels.