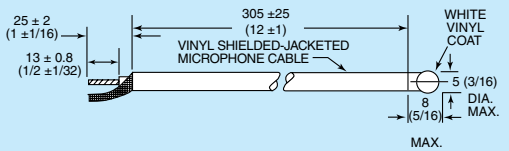
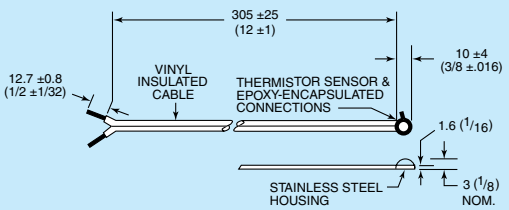
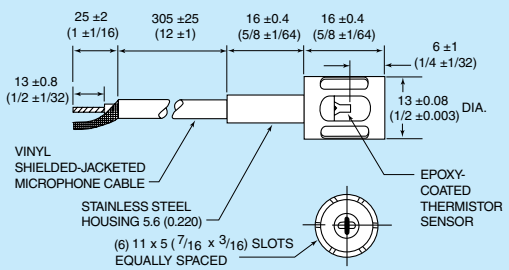
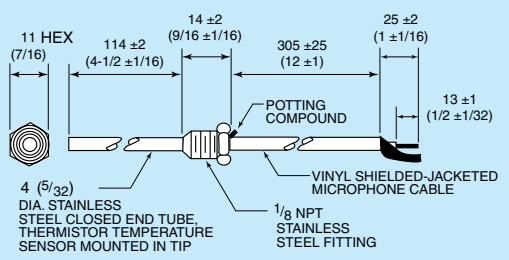
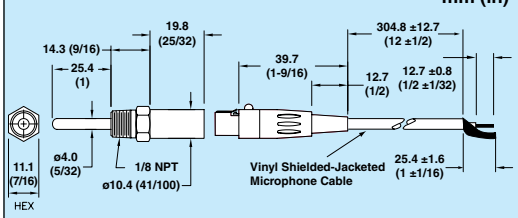
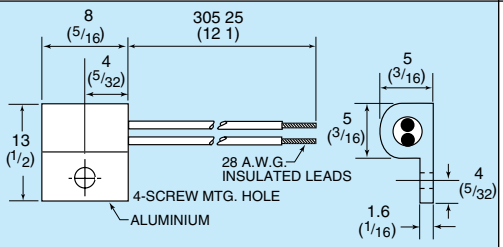
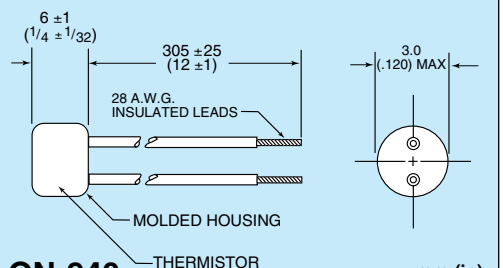
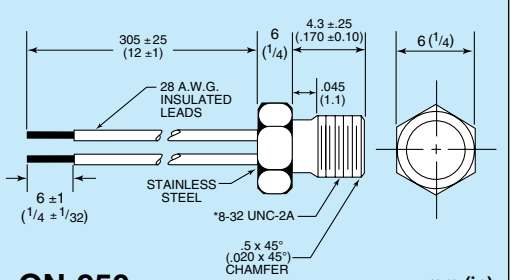
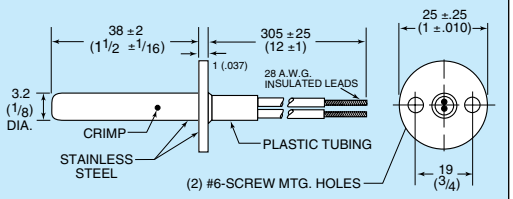
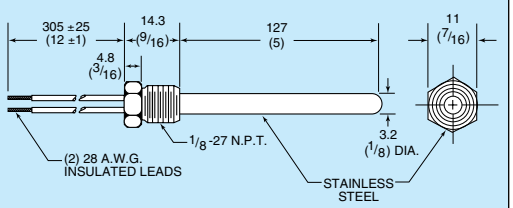
Thermistors and Thermistor Probe Assemblies

Precision-Interchangeable Series

To Order

Dimensions and Materials	Description and Typical Application	Model Number	Resistance (ohms) @ 25°C
 **ON-901** mm (in)	**Vinyl Tip with Shielded-Jacketed Microphone Cable.** **Biological:** Ideal for animal and biological applications in esophageal or rectal temperature measurement. It is also suitable for use in geographic and oceanographic applications. Design characteristics present an extremely rugged sensor assembly at a minimum cost. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-901-44004**	2252
		ON-901-44005	3000
		ON-901-44007	5000
		ON-901-44006	10,000
		ON-901-44008	30,000
 **ON-909** mm (in)	**Epoxy Encapsulated Thermistor Sensor in Stainless Steel Housing with Vinyl Insulated Leads.** **Surface temperature readings:** or control and indication. Ideally suited for applications such as: heat loss or compressor efficiency measurement and control studies of piping systems; determining manifold wall and bearing surface temperatures. Construction facilitates easy attachment to flat surfaces. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-909-44004**	2252
		ON-909-44005	3000
		ON-909-44007	5000
		ON-909-44006	10,000
		ON-909-44008	30,000
 **ON-905, ON-906** mm (in)	**Exposed Epoxy Coated Thermistor Sensor mounted in Open-End Stainless Steel Housing with Vinyl Shielded Jacketed Microphone Cable. ON-906 has Economical Plastic Housing.** Air temperature measurement, control and indication: design characteristics offer a perfect sensor assembly for monitoring gas streams. Ideal for temperature measurement and control of remote air readings. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-905-44004** **ON-906-44004**	2,252
		ON-905-44005 **ON-906-44005**	3,000
		ON-905-44007 **ON-906-44007**	5,000
		ON-905-44006 **ON-906-44006**	10,000
		ON-905-44008 **ON-906-44008**	30,000
 **ON-910** mm (in)	**Closed-End Stainless Steel Tube with Thermistor Sensor Mounted in Tip. ⅛" NPT Fitting with Vinyl Shielded-Jacketed Microphone Cable.** **Liquid immersion sensor assembly:** rugged design and closed end construction. Ideally suited for temperature measurement, control and indication in fluids. Also for use in a wide variety of pressurized systems applications. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-910-44004**	2252
		ON-910-44005	3000
		ON-910-44007	5000
		ON-910-44006	10,000
		ON-910-44008	30,000
mm (in)  **ON-920TA**	**Closed-End Stainless Steel Tube with Thermistor Sensor Mounted in Tip. ⅛" NPT Fitting with Vinyl Shielded-Jacketed Cable.** **Biological:** tubular immersion sensor assembly with detachable mating connector. Used in temperature measurement and control of animal apparatus. Also for use in closed vessels with pressurized systems where detachable leads are desirable. **Leads:**12" **Maximum temperature:** 100°C	**ON-920TA-44004**	2252
		ON-920TA-44005	3000
		ON-920TA-44007	5000
		ON-920TA-44006	10,000
		ON-920TA-44008	30,000

To Order

Dimensions and Materials	Description and Typical Application	Model Number	Resistance (ohms) @ 25°C
 **ON-930** mm (in)	**Epoxy Encapsulated Thermistor Sensor in Screw Mounted Aluminum Housing with PFA Insulated Leads.** **Surface sensor assembly:** designed for a variety of temperature measurement and control applications. It represents a low cost, fast response unit and lends itself to easy mounting on flat surfaces. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-930-44004**	2252
		ON-930-44005	3000
		ON-930-44007	5000
		ON-930-44006	10,000
		ON-930-44008	30,000
 **ON-940** mm (in)	**Encapsulated Thermistor Sensor in Molded Housing with PFA Insulated Leads.** **Insertion sensor assembly:** specifically designed for high reliability, high volume, and low cost applications where fast time response and small size are determining factors. The unit is easily affixed by inserting in a small hole for mounting. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-940-44004**	2252
		ON-940-44005	3000
		ON-940-44007	5000
		ON-940-44006	10,000
		ON-940-44008	30,000
 **ON-950** mm (in)	**Stainless Steel Housing with ¼" Hex. Head and #8-32 NC-2A Threaded Body. Thermistor Sensor Epoxy Encapsulated in Housing with PFA Insulated Leads.** **Surface sensor assembly:** for temperature measurement and control where design problems require stability against vibration and shock. The unit has been designed for temperature control and measurement problems where low cost and reliability are crucial. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-950-44004**	2252
		ON-950-44005	3000
		ON-950-44007	5000
		ON-950-44006	10,000
		ON-950-44008	30,000
 **ON-960** mm (in)	**Closed-End Stainless Steel Tube with Thermistor Sensor Mounted in Tip. Stainless Steel Mounting Plate with (2) Two Mounting Holes Welded to Tube. PFA Insulated Leads.** **Air flow sensor assembly:** designed to satisfy the many requirements of air temperature-measurement and control in Air Conditioning systems and equipment cooling systems. The unit lends itself to easy mounting to standard metal ducting. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-960-44004**	2252
		ON-960-44005	3000
		ON-960-44007	5000
		ON-960-44006	10,000
		ON-960-44008	30,000
	**Stainless Steel Housing with 7/16" Hex. Head and 1/8-#27 NPT Threaded Body. Thermistor Sensor Epoxy Encapsulated in Housing with PFA Insulated Leads.** **Liquid immersion fluid sensor assembly:** ideal for obtaining temperature measurement and control readings in pipes or closed vessels within pressurized systems. Threaded hex. head design affords greater resistance to shock and vibration when mounted. Leads 12" standard, other lengths available, consult factory. **Leads:** 300 mm (12") **Maximum temperature:** 100°C (212°F)	**ON-970-44004**	2252
		ON-970-44005	3000
		ON-970-44007	5000
		ON-970-44006	10,000
		ON-970-44008	30,000