

Connector



Sensor



## MODEL 4491 STERILE SINGLE-USE GENERAL PURPOSE PROBE

### SPECIFICATIONS

- FDA cleared under 510(k) K883793
- Sterile single-use probe
- 400 series nominal resistance response curve
- 2252.4 Ohm resistance @ 25°C (including adaptor cable lead wire resistance)
- Interchangeable  $\pm 0.1^{\circ}\text{C}$ , 25°C to 45°C
- “Molex” style connector
- 9 FR nominal diameter
- RoHS Compliant

400-series general purpose sterile single-use temperature probe.

### FEATURES

- Standard 400 series resistance response
- 9 Fr Sealed-end sheath
- Individual sterile pouch with 3-year shelf life
- “Molex” style connector
- 20 probes per box
- Disposable

### APPLICATIONS

- Continuous patient monitoring
- Esophageal temperature measurement
- Rectal temperature measurement

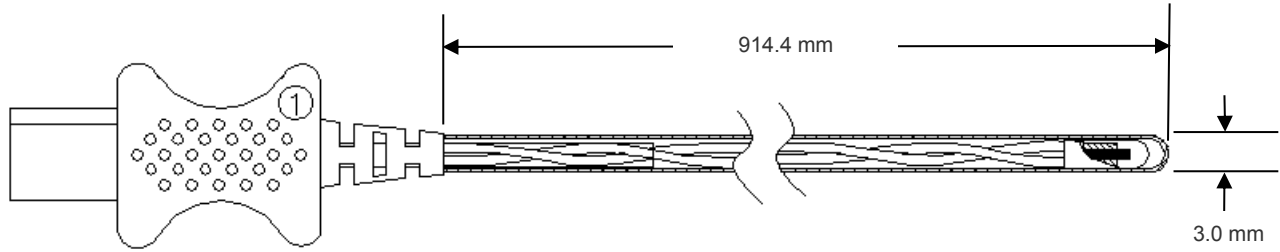


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## PERFORMANCE SPECS

Parameters	Units	Value
Resistance @ 25°C (including lead resistance)	Ohms	2252.4
Tolerance 25°C to 45°C	°C	± 0.1
Recommended equilibration time before measurement	Minutes	> 3
Insulation Resistance (500 VAC for 1 Sec.)	Mega Ohms	> 100

## MECHANICAL DETAILS



## RESISTANCE V TEMPERATURE TABLE

Temp °C	K Ohms	Temp °C	K Ohms	Temp °C	K Ohms	Temp °C	K Ohms
25	2.2524	30	1.8154	35	1.4714	40	1.2004
26	2.1564	31	1.7394	36	1.4124	41	1.1524
27	2.0644	32	1.6674	37	1.3554	42	1.1074
28	1.9774	33	1.5994	38	1.3014	43	1.0644
29	1.8944	34	1.5334	39	1.2494	44	1.0234
						45	0.9842

## FUNCTION

Continuous Temperature monitoring of patients (esophageal or rectal)

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## ORDERING INFORMATION

Part Number	Description	$\Omega$ @25°C
861527	4491 9Fr General Purpose Probe (Box of 20)	2252.4 *

\* When using 4940 adaptor cable

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