

Thermistor Probes

Series "400" For Use with Heavy Duty* HDX Handle



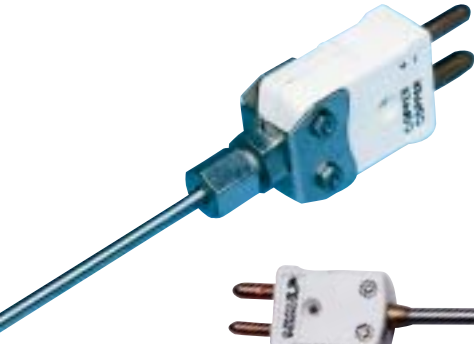
Aluminium
Die Cast Handle

HDX
Handle
£31

Retractable
cable

(Probe not included)

The OMEGA® HDX Handle must have an uncompensated OST connector and copper extension cord. For use with thermistor probes. See Section A.

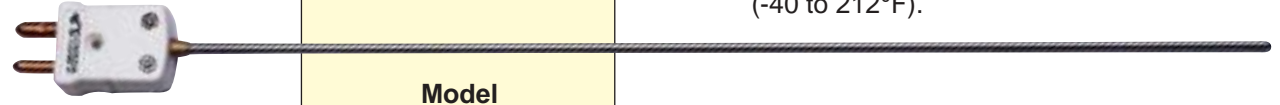


**General
Purpose Probe**

Model
THX-400-GP-M300*
£57
Basic Unit

The THX-400-GP probe used with an HDX handle is ideal for general purpose immersion measurement in gases and liquids. Made from a rugged 3.2 mm ($\frac{1}{8}$ " O.D. 304 stainless steel sheath 300 mm long, the probe will adapt to most process applications. A high precision 44033 thermistor element is used (2252 Ω @ +25°C), which provides 0.1°C interchangeability and a temperature range of -40 to 100°C (-40 to 212°F).

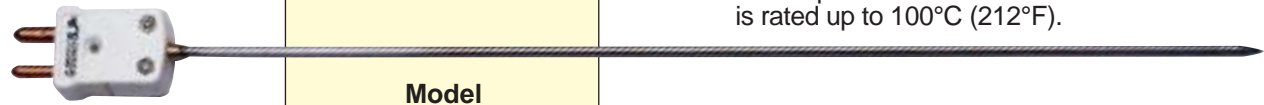
**CUSTOM
ENGINEERING**
TELL US WHAT YOU
NEED AND WE'LL MAKE IT
See Section T for Details



Air Probe

Model
THX-400-AP-M300*
£74
Basic Unit

The THX-400-AP is designed for HVAC applications. The small diameter sheath and radiant energy shield easily fit into duct work, grilles and vents. The probe will work with the OMEGA® HDX handle or can be permanently mounted using OMEGALOK® compression fittings. Made from a rugged 4.75 mm ($\frac{3}{16}$ " O.D. 304 stainless steel sheath 300 mm long, the tip is perforated to expose the thermistor bead to air flow for fast, accurate measurements. The 44033 precision thermistor element is rated up to 100°C (212°F).



**Penetration
Probe**

Model
THX-400-NP-M300*
£66
Basic Unit

The THX-400-NP probe used with an HDX handle will easily pierce soft and semi-frozen material as well as soil and sand. Made from a rugged 3.2 mm ($\frac{1}{8}$ " O.D. 304 stainless steel sheath 300mm long. A high precision 44033 thermistor element is used which provides 0.1°C interchangeability and a temperature range of -40 to 100°C (-40 to 212°F).

SPECIAL ASSEMBLIES AVAILABLE!
Other thermistor elements, sheath lengths and configurations are available upon request. Consult the Sales Department for quotation or send sketch.

*Alternative lengths are available;
contact sales

Pipe Plug Thermistor Probe

IN STOCK FOR FAST DELIVERY!

This high pressure plug sensor is ideal for vessel applications, pressurised containers, and applications requiring thread mounted security for fixed readings. This accurate** thermistor probe is 2252 Ω @ 25°C. Its 304SS sheath has a 6.4 mm (0.25") dia probe pipe plug, with 2m of 7/0.2 polyvinyl insulated stainless steel overbraided stranded wire with stripped leads.

Pressure rating is 170bar. The hex flats are 14.2 mm apart, and 16.0 mm across points. Hex flats width is 6.0 mm.



THX-400-(*)-2M

£50

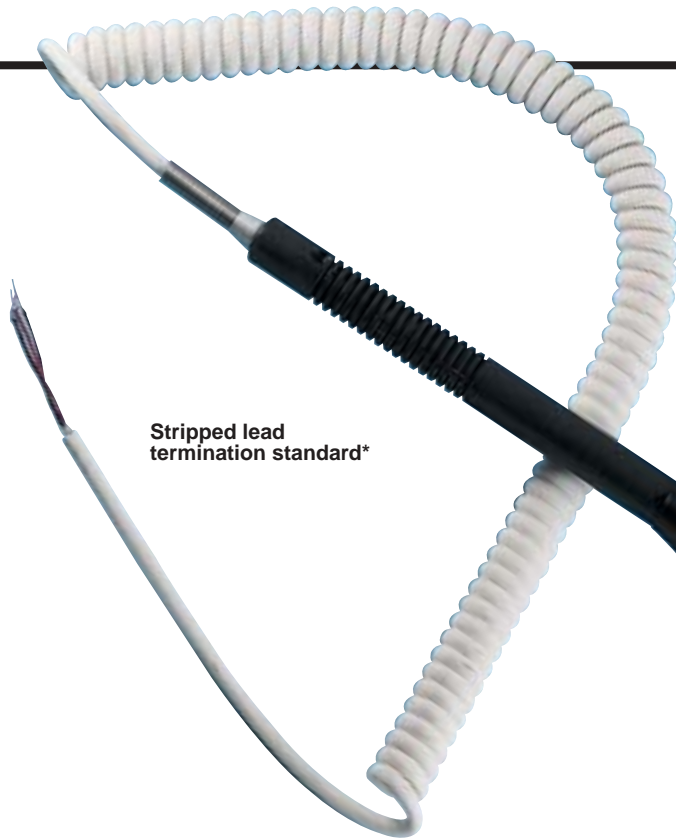
*Specify 'BSPT' for 1/4" BSPT or 'NPT' for 1/4" NPT threads.

with Stripped Leads†



Utility Handle Probe THX-400-H Series

An economical and accurate (2252 Ω @ 25°C) probe with an easy-grip moulded handle, 4.75 mm (3/16") dia. and 300mm retractable cable. The 300 mm length probe can be stored in toolboxes or other locations for easy access. The retractable cable expands to 1.5 m; standard termination is stripped lead wires.



Stripped lead termination standard*

ALL MODELS IN STOCK FOR FAST DELIVERY!

THX-400-H-M300

£75

with Stripped Leads†

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model Number	Price	Length Sheath
THX-400-H-M300	£75	300 mm
THX-400-H-M450	77	450 mm
THX-400-H-M600	80	600 mm

Accuracy: $\pm 2^\circ\text{C}$ from 0 to 75°C, $\pm 1.0^\circ\text{C}$ from -80 to 150°C

Ordering Example (Stripped Leads): THX-400-H-M300, Utility Handle Probe, 300mm long with with retractable cable and stripped lead termination, **£75**

Ordering Example (Phone Connector): THX-400-H-M300-PP, Utility Handle Probe, 300mm long with with retractable cable and phone plug termination, **£80.70**

T Series Connectors



Other connector options are available, see Section F, "T Series"

Phone Plug Connector



+ For phone plug termination, add "-PP" to part number and **£5.70** to price.

