



GENERAL PURPOSE SENSORS

MACHINED SCREW SENSORS WITH EXTENSION LEADS

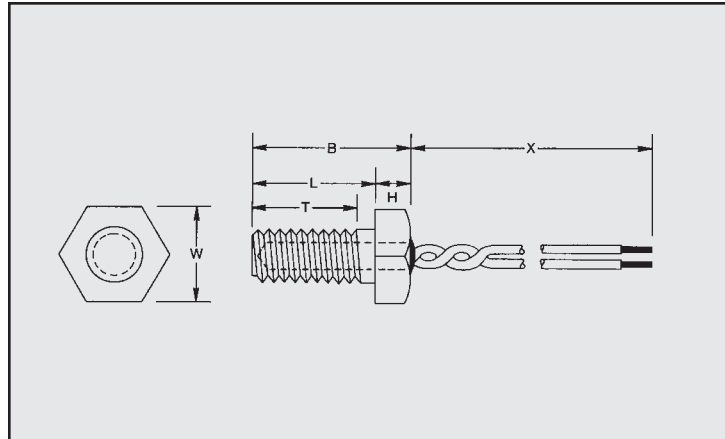
TYPE M6000:

Features

- Extremely rugged sensor consisting of a hex head machine screw that can be fastened into drilled and tapped holes.
- All thermistor types <math><0.200''</math> OD.
- Hook-up wire or small diameter shielded / jacketed cable extension leads.
- Maximum temp. ratings from 60°C up to 260°C.

Options

- Standard hex head screw material is stainless steel.
- Aluminum, brass, titanium and a variety of plastics or other materials are available, consult factory.
- Industry standard dimensions will apply for the following:
Coarse threads: from #4-40 to 1/2-12.
Fine threads: from #4-48 to 1/2-20.
Extra fine threads: from #12-32 to 1/2-28.
Metric threads: from M4x0.7 to M10x1.50.
"W" = wrench size for hex head.
"H" = thickness of hex head.
- The following dimensions can be specified by the customer. Check with factory for availability.
"L" = length of screw under hex head.
"T" = length of threaded portion of housing.
"B" = overall body length.
- Shoulder of screw may be undercut to minor diameter of the threads for o-ring installations.
- Lead length "X" : 48 inches (typical).
- Lead-wire gauge sizes from #22 to #32 AWG.



TYPE M6500:

Features

- Surface temperature sensor for locations where size and space are critical. Housing consists of a cylindrical body, milled wrench flats and a threaded section with an undercut to minor thread diameter for precise positioning of the sensor.
- Small to medium thermistor types <math><0.100''</math> OD.
- Hook-up wire extension leads.
- Maximum temp. ratings from 60°C up to 260°C.

Options

- Standard housing material is stainless steel.
- Aluminum or other materials are available, consult factory.
- Industry standard dimensions will apply for the following:
Coarse threads: from #4-40 to 1/2-12.
Fine threads: from #4-48 to 1/2-20.
Extra fine threads: from #12-32 to 1/2-28.
Metric threads: from M4x0.7 to M10x1.50.
- The following dimensions can be specified by the customer. Check with factory for availability.
"L" = length of screw under flange / shoulder.
"T" = length of threaded portion.
"B" = overall body length.
"W" = wrench flat size.
"S" = thickness of flange / shoulder.
- Lead length "X" : 48 inches (typical).
- Lead-wire gauge sizes from #22 to #32 AWG.

