

T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

General Purpose Sensors

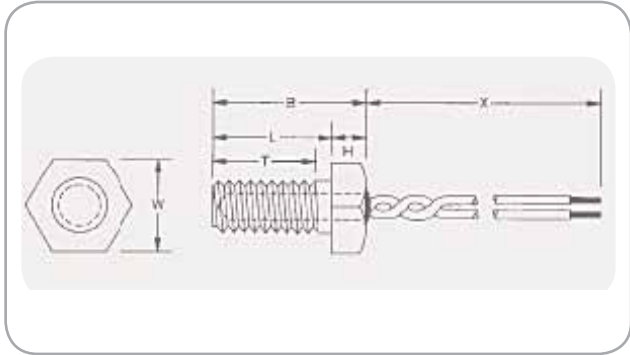
Machined Screw Sensors With Extension Leads

Features

- Extremely rugged sensor consisting of a hex head machine screw that can be fastened into drilled and tapped holes.
- All thermistor types <0.200" OD.
- Hook-up wire or small diameter shielded/jacketed cable extension leads.
- Maximum temperature ratings from 140°F to 500°F (60°C to 260°C).
- 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 <0.100" OD.
- Hook-up wire extension leads.
- Maximum temp. ratings from 140°F to 500°F (60°C to 260°C).

Amphenol
Advanced Sensors

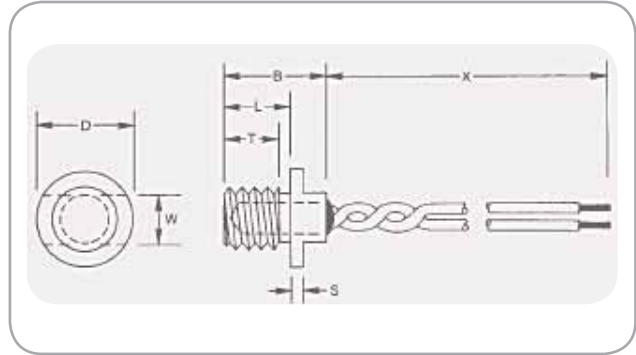
Type M6000 Specifications



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 in (1219.2 mm) (typical).
- Lead-wire gauge sizes from #22 to #32 AWG.

Type M6500 Specifications



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 in (1219.2 mm) (typical).
- Lead-wire gauge sizes from #22 to #32 AWG.