



Wiring Data Information					
M12 x 1, 5 PINS					
Signal	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
mA	V+	SP2(Switch 2)	GND(Supply -)	SP1(Switch 1)	Output
V	V+	SP1(Switch 1)	GND(Supply -)	SP2(Switch 2)	Output

The **STS** series is a Electronic Temperature Switch, Transducer and Digital Display in one device. The STS is designed for temperature monitoring, measurement and control such as used in hydraulic oil, lubricants, heat-carrying agents etc.

- PNP Switching, voltage and current outputs
- Switching Set points are adjustable
- Displays peak pressure value and environmental temperature
- Housing with display and electrical connection rotates 330 degrees

ELECTRICAL:

Output: 4 - 20mA
0 - 20mA
0 - 5 V
0 - 10V
Power Supply: 12 - 30 VDC

ACCURACY:

± 0.5% (Full Scan)

INDICATOR:

3 Display buttons (back lighted)
Unit: °F(Fahrenheit), °C (Celsius), K(Kelvin)

PROTECTION:

IP65 - M12 Cable

MEDIA TEMPERATURE:

-22° to 176°F (-30° to 80°C)

WORKING TEMPERATURE:

-22° to 176°F (-30° to 80°C)

STORAGE TEMPERATURE:

-40° to 176°F (-40° to 80°C)

TEMPERATURE RANGE:

-58° to 392°F (-50° to 200°C)

MATERIAL:

Wetted Area: Stainless Steel
Body: 304 Welded Stainless Steel

TEMPERATURE RESPONSE TIME:

< 5 seconds

ORDERING INFORMATION

STS	- A	- 0/100F	- 4M	- M5	- A
Model	Type	Temperature Range	Port Size	Terminal	Probe Length
STS	A: 4 - 20 mA A1: 0 - 20 mA B: 0 - 5 V C: 0 - 10V	Specify Temperature Range Required Consult Factory for Other Ranges	4M - 1/4 NPT 4S - 7/16 x 20 SAE Male 4G - 1/4 BSPP (undercut for an o-ring seal) 4GS- 1/4 BSPP (no undercut) M12 - M12 X 1.5 M14 - M14 X 1.5 Consult Factory for other sizes	M5 - M12 X 1	A - 4" B - 6" C - 9.84"