



Model **TSS** Temperature Sender is ideally suited for use in engines, pumps, compressors, gearboxes and other applications where resistance to the elements is the primary consideration. It is used in conjunction with either a temperature gauge or an ECU (Engine Control Unit) to sense the temperature of your application. The TSS provides fast, accurate temperature response through a thermistor that is located in the tip of the probe protruding from the main body of the unit. A reliable electrical connection, Deutsch DT 2-way connector is rated at IP69.

ELECTRICAL:
5V Nominal

PROTECTION:
IP69 (When connected to mating plug)

ENVIRONMENT TEMPERATURE:
-40°F to +257°F (-40° to +125°C)

INSULATION TYPE:
Isolated Ground

RESISTANCE TOLERANCE:
+/- 10%

WEIGHT:
.08 lbs (0.03 kg)

BODY MATERIAL:
Brass

TYPE	TEMPERATURE °F (°C)	77 (25)	104 (40)	122 (50)	140 (60)	158 (70)	176 (80)	194 (90)	212 (100)	230 (110)
A	RESISTANCE OHMS	500	282.1	197.6	140	101.5	74.6	55.6	41.9	32
B	RESISTANCE OHMS	2000	1070	722.6	497.6	349	248.8	179.9	131.8	98
C	RESISTANCE OHMS	300	-	121	87.4	64.4	48.2	36.7	28.3	-
D	RESISTANCE OHMS	8000	-	2765	1868	1284	898	636.6	457.7	334.1

ORDERING INFORMATION

Minimum Order Required - Consult Factory

TSS	- D	- 8M
Model	Type	Port Size
TSS	See Chart Above	2M - 1/8" NPT 4M - 1/4" NPT 8M - 1/2" NPT 8S - 3/4-16 SAE M16 - M16 X 1.5