

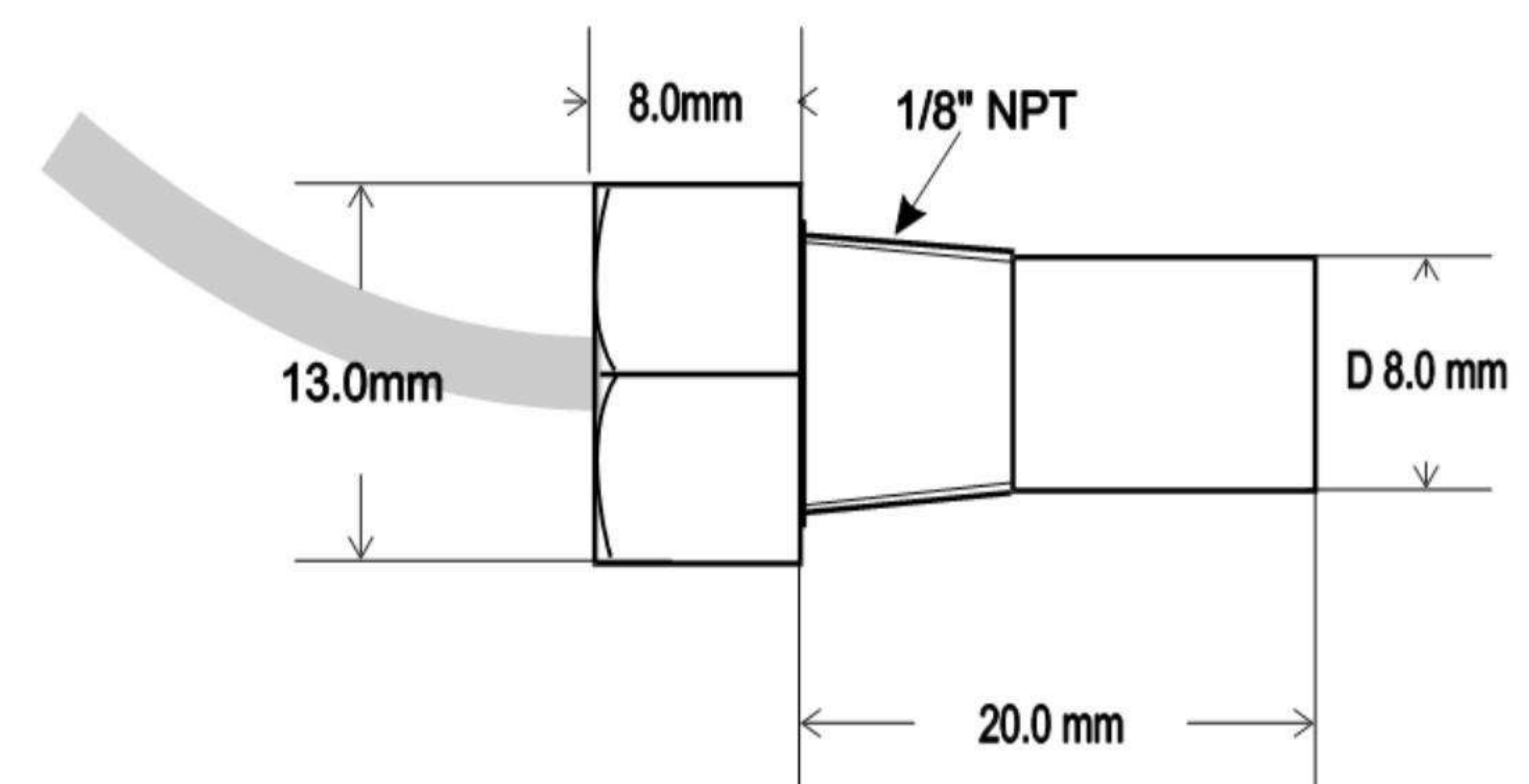


TS 1/8 NPT

Liquid Temperature Sensor

Range	-50 to +150°C
Accuracy	2 % FS
Sensitivity	+22.5 mV/°C
Response time (0-90%) into water @ 95°C	1000 ms
Supply voltage	5 to 16V
Supply current	< 1 mA
Output voltage	0 – 5 V
Output Impedance	< 100 Ω
Sensitive element std	Silicon sensor
Dimension	D 8 x L20 + Hex 13 mm
Material	Stainless steel
Weight (without cable)	20 g
Vibration test	20 Gpp 5'
Shock	500 G
Operating temp	-50 to +150 °C
Storage temp	-50 to +150 °C

Calibration table (silicon sensor)	
°C	1/8 +22,5mV/°C
-50	0,250
-40	0,475
-20	0,925
0	1,375
20	1,825
40	2,275
60	2,725
80	3,175
100	3,625
120	4,075
140	4,525
150	4,750



1 m cable of 3X26AWG FEP
tinned copper braided cable 250V 200°C

Ordering ref ex: TS-1/8 - NPT

Red Supply
White Signal
Blue (or Black) 0 V
Braid Connected to case