

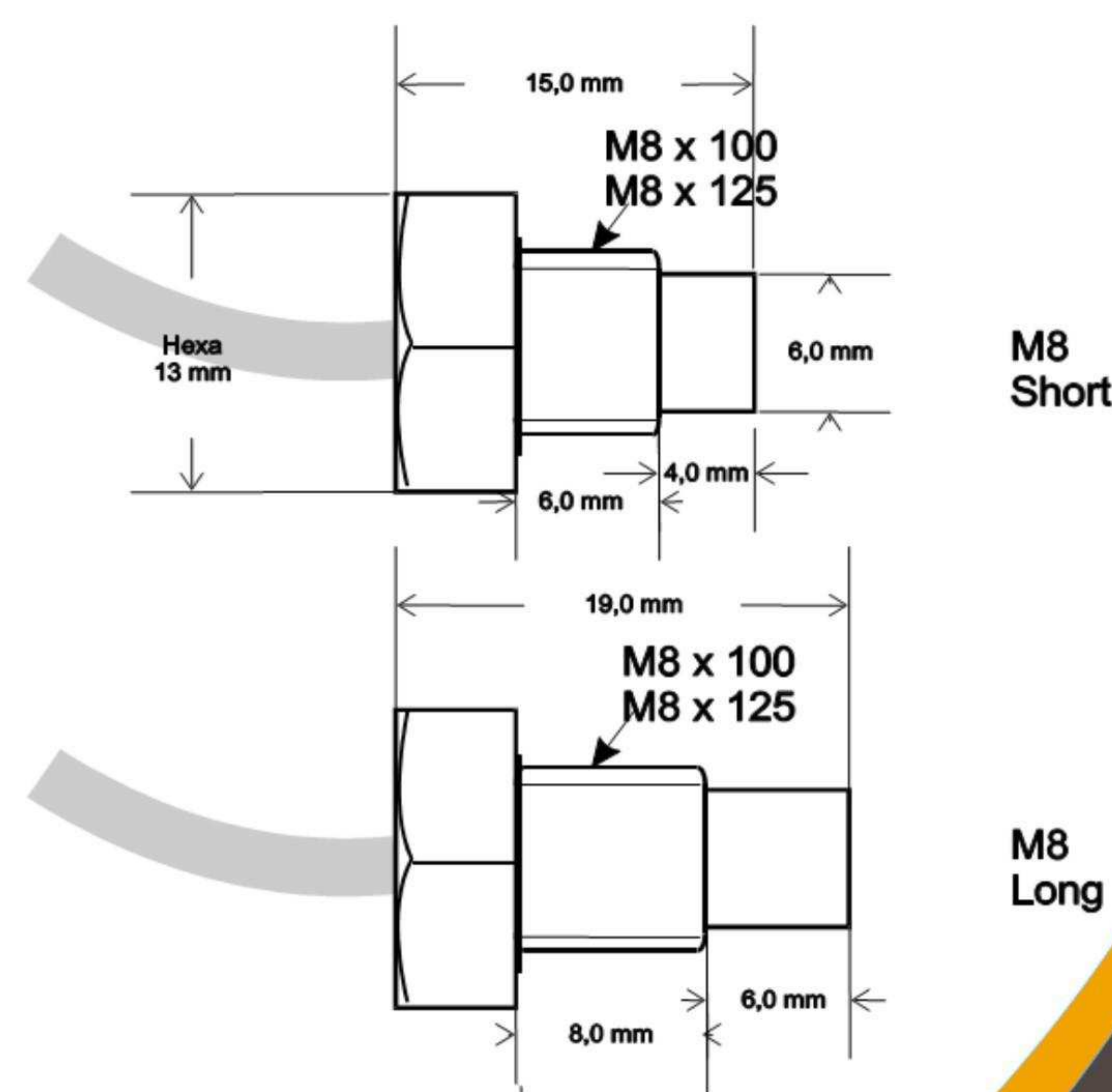


TS M8

Liquid Temperature Sensor M8

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
Option	PT100 / PT1000 / NTC
Dimension	
- short	6 threaded + 4 mm
- long	8 threaded + 6 mm
Material	Stainless steel
Weight (without cable)	15 g
Vibration test	20 Gpp 5'
Shock	500 G
Operating temp	0 to +150 °C
Storage temp	-50 to +150 °C

Calibration tables (silicon sensor)	
°C	M8 +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-M8 - 14
TS - Thread - Length	
M8x1.0	10 (short)
M8 x1.25	14 (long)

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