

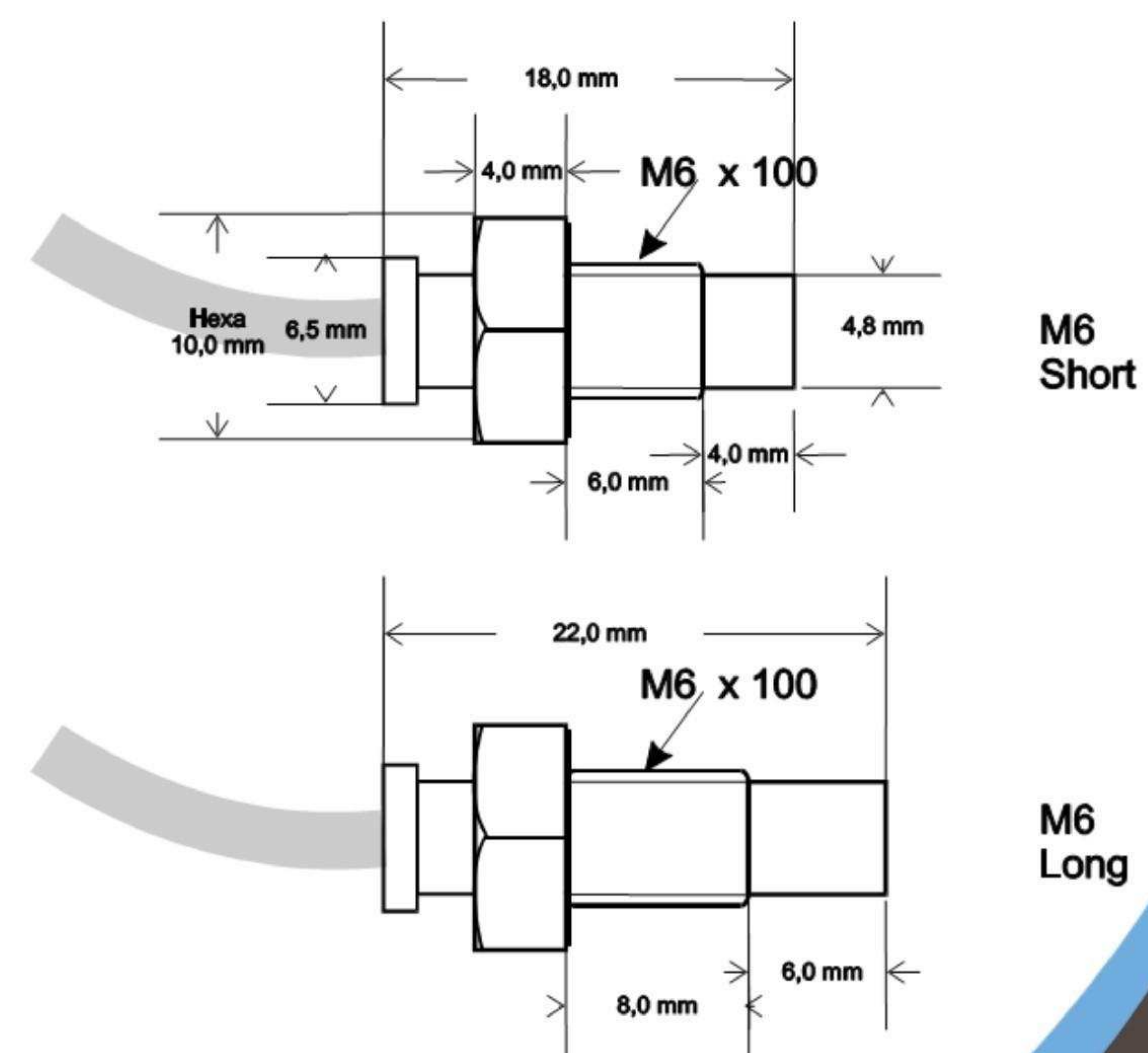


TS M6

Liquid Temperature Sensor M6

Range	-50 to +150°C
Accuracy	2 % FS
Sensitivity	-13.6 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	M6 -13.6mV/°C
-50	3.277
-40	3.160
-20	2.899
0	2.633
20	2.365
40	2.095
60	1.819
80	1.539
100	1.257
120	0.973
140	0.684
150	0.538



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

Ordering ref	ex: TS-M6 - 14
TS - M6 - Length	
	10 (short)
	14 (long)

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