

Temperature Characteristics of Senders

Colour	Pellet	Gauge	A/C Wind	Scale	Type
Green	107	Semiconductor	None	20 - 130 C	Moving Iron
Brown	121	Bi Metal	None	30 - 120 C	Water Temp
Black	153	Bi Metal & Air Cored	A	50 - 140 C	Oil Temp
Red	154	Bi Metal & Air Cored	A	45 - 120 C	Water Temp
Natural	205	Euro Temp Air Cored	B	40 - 140 C	Oil & Water Temp

Brown 121 Bi Metal Water temp 30-120		Black 153 Bi Metal Oil Temp 50-140 CAI Standard		Red 154 Bi Metal Water Temp 45-120		Natural 205 Euro Temp or Stewart Warner		Green 107 Obsolete Moving Iron		TT3001 VDO LOW Water Temp		TT3005 VDO HIGH Oil Temp	
Deg C	Ohms	Deg C	Ohms	Deg C	Ohms	Deg C	Ohms	Deg C	Ohms	Deg C	Ohms	Deg C	Ohms
10		10		10		10		10		10	1075	10	
20		20		20		20		20		20	677	20	
30	220	30		30	502	30		30		30	440	30	
40	156	40		40	323.5	40	1158	40	467.5	40	287.4	40	450
50	113.2	50	267	50	214	50	758	50	239	50	200	50	323
60	84	60	183.25	60	146.5	60	510	60	129.5	60	134	60	240
70	63.8	70	128	70	103	70	351.5	70	76.35	70	95.2	70	140
80	49.4	80	92.25	80	74.1	80	247.5	80	48.6	80	69.1	80	112.5
90	38.85	90	67.65	90	55	90	177.75	90	32.6	90	51.2	90	80
100	31	100	50.65	100	41	100	130.15	100	22.7	100	38.5	100	62.2
110	25.05	110	38.53	110	31.5	110	96.95	110	16.1	110	29.4	110	48.1
120	20.55	120	29.5	120	24.7	120	73.5	120	11.7	120	22.7	120	36.5
130		130	23.5	130	19.5	130	56.5	130	8.55	130		130	28
140		140	18.7	140	15.6	140	44	140	6.3	140		140	23.1
150		150		150	12.6	150	34.7	150	4.75	150		150	18.6