

Temperature Transmitters for Air Cored & Bi Metal Gauges

Code	Thread Form	Seat	Ohms @ 100 C	Pellet	Range	Colour	Notes	CAI Name
TT3801-00A	5/8 18tpi UNF	Cone	22.4 - 32.5	107	20 - 130	Green	Obsolete	
TT3802-00A	5/8 18tpi UNF	Cone	37.4 - 47.6	A 154	45 - 120	Red		
TT3803-00A	5/8 18tpi UNF	Cone	43.2 - 57.6	A 153	50 - 140	Black		
TT3804-00A	5/8 18tpi UNF	Cone	27.9 - 35.7	121	30 - 120	Brown		
TT3806-00	5/8 18tpi UNF	Cone	43.2 - 57.6	153	50 - 140	Black		
TT3850-00	M14 x 1.5	Cone			80 - 160	Grey	Brass Special Bi Met	
TT4201-00A	5/8 18tpi UNF	Flat	27.9 - 35.7	121	30 -120	Brown		Bi Metal temp
TT4801-00A	5/8 18tpi UNF	Flat	27.9 - 35.7	121	30 -120	Brown		
TT4802-00A	5/8 18tpi UNF	Flat	37.4 - 47.6	A 154	45 - 120	Red		
TT4803-00A	5/8 18tpi UNF	Flat	43.2 - 57.6	A 153	50 - 140	Black	Same as TT4806-00	Bi metal std
TT4803-01	5/8 18tpi UNF	Flat	102.9 - 135.8	A 205	40 - 140	Natural	A/C B Winding	Euro Temp
TT4803-02	5/8 18tpi UNF	Flat			80 - 160	Grey	Brass Special Bi Met	
TT4804-00A	M18 x 1.5	Flat	43.2 - 57.6	A153	45 - 120	Red		
TT4805-00	5/8 18tpi UNF	Flat	37.4 - 47.6	A 154	45 - 120	Red	Brass Body	
TT4806-00	5/8 18tpi UNF	Flat	43.2 - 57.6	A 153	50 - 140	Black	Same as TT 4803-00A	Bi metal std
TT4807-01	M14 x 1.5	Flat	37.4 - 47.6	A 154	45 - 120	Red		
TT4808-00	M16 x 1.5	Flat	102.9 - 135.8	A 205	40 - 140	Natural	A/C B Winding	Euro Temp
TT4809-00	M16 x 1.5	Flat	37.4 - 47.6	A 154	45 - 120	Red		
TT4810-00	M16 x 1.5	Flat	102.9 - 135.8	A 205	40 - 140	Natural	A/C B Winding	Euro Temp
TT4811-00	5/8 18tpi UNF	Flat	43.2 - 57.6	153	50 - 140	Black		
TT6800-00	5/8 18tpi UNF	Cone	27.9 - 35.7	121	30 - 120	Brown	Insulated Return Brass	
TT6801-00	5/8 18tpi UNF	Cone	43.2 - 57.6	A 153	50 - 140	Black	Insulated Return Brass	
TT6802-00	5/8 18tpi UNF	Cone	37.4 - 47.6	A 154	45 - 120	Red	Insulated Return Brass	
TT6803-00	3/4 16 tpi UNF	Cone	27.9 - 35.7	121	30 - 120	Brown	Insulated Return Brass	
TT6811-00	1/8 27 tpi NPT	Taper	37.4 - 47.6	A 154	45 - 120	Red	Brass Body	
TT6811-01	1/8 27 tpi NPT	Taper	43.2 - 57.6	A 153	50 - 140	Black	Brass Body	Bi metal std
TT6811-02	1/8 27 tpi NPT	Taper		A 212	-30 - +40	Yellow	Brass Body	
TT6811-03	1/8 27 tpi NPT	Taper	102.9 - 135.8	A 205	40 - 140	Natural	A/C B Winding	Euro Temp
TT6813-00	1/8 27 tpi NPT	Taper	43.2 - 57.6	A 153	50 - 140	Black	Brass Body	
TT6818							CAN USE TT6811-03	
TT3001-8N	1/8 27 tpi NPT	Taper	38.5	N/A	10 - 120	N/A	Brass Body	VDO Low
TT3005-8N	1/8 27 tpi NPT	Taper	62.2	N/A	50 -150	N/A	Brass Body	VDO High

"A" suitable for Air Cored

Cone fitment with suitable washer, not supplied, will suit flat fit.

MISC SENDERS

SENDER TYPE A	20C	25C	30C	40C	50C	60C	70C	80C	90C	100C	110C	120C	130C	
TT6001-M12	550	500	400	282.1	197.6	140	101.5	74.6	55.6	41.9	32	28	25	
TT6806-00				1130	820	550	365	255	198	145	107	83		
AMBIENT TEMP	-30C	-20C	-10C	0C	10C	20C	25C	30C	35C	40C	45C	50C	55C	60C
TT6820-00 Or PT1000	882	921	961	1000	1039	1078	1097	1117	1136	1155	1175	1194	1213	1232

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