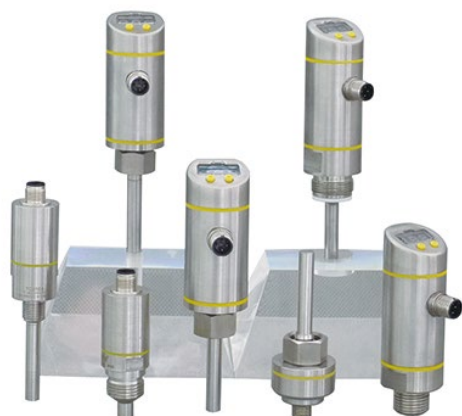


EMA – Temperature Sensors



Product Features

Dual Temperature Units: Easily switch between °C and °F for versatile temperature measurements.

High Accuracy and Stability: Ensures precise readings with excellent stability and anticorrosion properties.

User-Friendly Adjustment: Set temperature range and switch points conveniently with built-in buttons.

Maintenance-Free: No calibration required, offering a long operational lifetime.

Durable Build: Constructed with stainless steel and rated up to IP68 for enhanced durability.



Order No.

Order No.	Thread (Internal)	Medium Temperature (°C/°F)	Supply Voltage (V)	Output 1	Output 2	Probe Length (mm)	Drawing No.
TA1004	M18*1.5	- 40 ... +150/-40 ... +302	18-36 DC	PNP NO/NC NPN NO/NC	0-1 OV, 4-20mA	45	E3T01
TA1005	M18*1.5	- 40 ... +150/-40 ... +302	18-36 DC	PNP NO/NC NPN NO/NC	PNP NO/NC NPN NO/NC	45	E3T01
TA1006	M18*1.5	- 40 ... +150/-40 ... +302	18-36 DC	PNP NO/NC NPN NO/NC	0-1 OV, 4-20mA	100	E3T01
TA1007	M18*1.5	- 40 ... +150/-40 ... +302	18-36 DC	PNP NO/NC NPN NO/NC	PNP NO/NC NPN NO/NC	100	E3T01

Free Call 1800 811 818

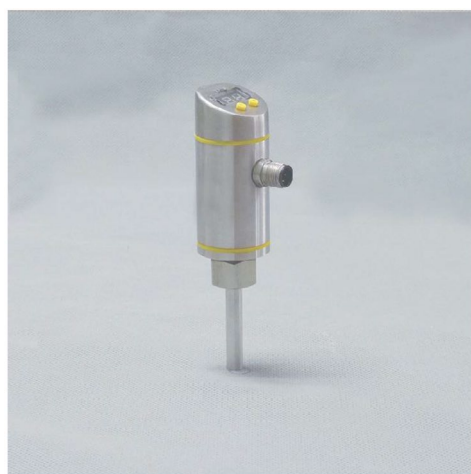
Electro Chemical engineering ABN: 42 004 182 772

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 www.ecefastechnology.com.au

Accessories:

Type	Connector Order No.						Drawing No.
 I	C	02	I	5	C	12	I:E3U11
 L	C: Cable	Length 02:2M 05:5M 10:10M	Connector I: Straight L: Angled	Pole 4:4 5:5	Material R: PUR C: PVC S: PVC Shielded Wire	Size 12: M12	L:E3U12

Order No.	US0001	US0002	US0003	US0007	US0009
Type	 M18x 1.5- M12x 1	 M18x 1.5- G1/4"	 M18 x1.5 - G1/2"	 M18x1.5- Ø24mm	 M18x1.5- M18x1.5
Drawing No.	E3U01	E3U02	E3U03	E3U07	E3U08



Technical parameters:

Sensing element: PT 1000

Probe material: Stainless Steel 316L

Connection: M12 Socket

Pressure rating[bar]: 300

Voltage drop[V]: <3.5

Power-on delay time [s]: 1.5

Sensing/display cycle time[ms]: 200

Switching output accuracy[°C]: ± 0.2

Analogue output accuracy[°C]: ± (0.2+0.4% Measuring Interval)

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