

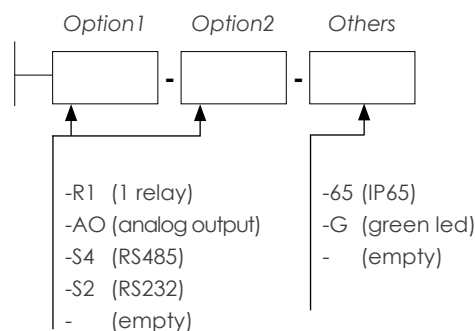
S40-T Temperature meter

Temperature meter in 72x36mm size for panel mount, reads Pt100 / RTD probes and thermocouples J, K, T, E, S, R, N, C, L and X. Reading selectable in °C or °F. Universal high and low AC and DC power options. Optional up to 2 relay outputs, analog outputs and serial outputs.

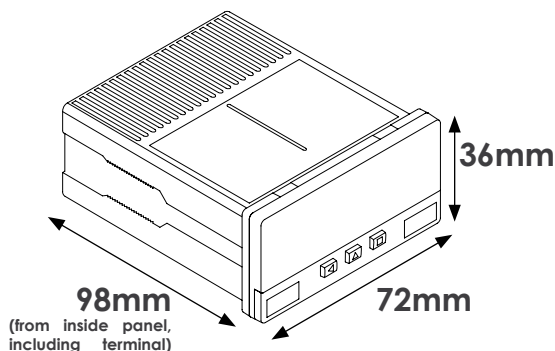


Order reference

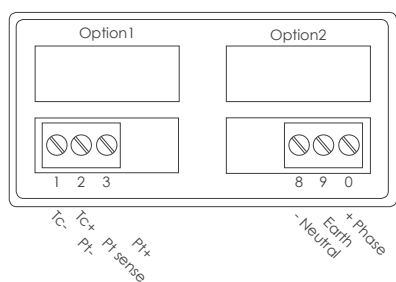
S40-T-H
S40-T-L



Dimensions



Connections



Technical specifications

Digits	4
Led color	red (optional green)
Digit height	14 mm
Temperature scale	ITS90
Units	°C and °F
Pt100 / RTD probes	2 and 3 wires
Resolution	1° / 0.1°
Alpha	385 / 390
Readings	4 readings / second
Thermocouples	J, K, T, E, S, R, N, C and X
Resolution	1°
C.JC	automatic, selectable
Readings	3 readings / second

Sensor	Range °C	Error (25°C)	Offset drift	Span drift*	Range °F
Pt100/RTD	800/-200	0.2°C	0.05°/°C	0.10°/°C	1562/-328
Thermocouple J	1200/-200	<2°C	0.05°/°C	0.20°/°C	2192/-328
Thermocouple K	1372/-200	<2°C	0.05°/°C	0.20°/°C	2372/-328
Thermocouple T	400/-200	<2°C	0.02°/°C	0.02°/°C	752/-328
Thermocouple E	1000/-200	<2°C	0.05°/°C	0.20°/°C	1832/-328
Thermocouple S	1768/-50	<4°C	0.20°/°C	0.20°/°C	2282/-58
Thermocouple R	1600/-50	<4°C	0.20°/°C	0.20°/°C	2912/-58
Thermocouple N	1300/200	<2°C	0.05°/°C	0.20°/°C	2372/-328
Thermocouple C	2320/0	<2°C	0.02°/°C	0.02°/°C	4192/32
Thermocouple L	900/-200	<2°C	0.05°/°C	0.20°/°C	1652/-328
Thermocouple X	4000/-200	<2°C	0.02°/°C	0.02°/°C	7232/-328

*Span drift includes offset drift

Power 'H'	85 to 265 Vac/dc (isolated 3500Veff)
Power 'L'	11 to 60 Vdc and 24/48 Vac (isolated 2000Veff)
Consumption	<4W
Protection	IP54 standard (optional IP65)
Connections	plug-in screw terminals
Weight	<150 grams
Mounting	panel mount
Panel cut-out	69x32.5mm

Information on web

User's Manual

www.fema.es/2264_S40-T_i.pdf

Panel meters from Series S

	Model							
	S40-CR	S40-C1	S40-F	S40-R	S40-D	S40-A	S40-T	S40-P
Signals accepted								
Process ±20mA, ±10Vdc								•
Pt100 / RTD							•	
Thermocouples J, K, T, E, S, R, N, C, L, X							•	
Voltmeter AC						•		
Ammeter AC						•		
Voltmeter DC					•			
Ammeter DC					•			
Potentiometers				•				
Frequencymeter up to 500 VAC			•					
Impulse counter		•						
Ratometer		•						
Periodmeter		•						
Chronometer	•							
Time counter	•							

Common specifications Series S

Format	72x36mm
Digits	4 digits
Configuration	by menu
Reading	scalable
Brightness	5 configurable levels
Filters	display and signal filters
Alarms	1 and 2 alarms (with option R1) 4 alarms (with options R4)
Additional functions	maximum and minimum memory password signal autocorrection Peak & Hold alarms with double setpoints
Outputs	relay, analog, serial RS232, serial RS485

More options



Green leds



Adapter 72x72mm

Other series



Series M - 96x48mm