



SPECIFICATIONS All specifications at ambient of 25 °C, unless specified otherwise

<p>INPUTS</p> <p>No. of inputs 1</p> <p>Input group 1</p> <p>Thermocouple RTD Voltage Current</p> <p>Input group 2</p> <p>Thermocouple RTD Current</p> <p>Voltage</p> <p>Transmitter supply</p> <p>Range limits</p> <p>Accuracy</p> <p>Cold junction compensation</p> <p>Sensor break protection</p> <p>INDICATION</p> <p>Process variable</p> <p>Unit</p>	<p>B, E, J, K, N, R, S, T Pt100, 3-wire 0~50 mV (Lin2) 20~4mA, 0~20mA, 4~20mA</p> <p>B, C, D, E, G, J, K, N, R, S, T Pt100, 3-wire, Cu53 0~20 mA, 4~20 mA, Square root (for input 1) 0~50 mV Through DIP selection following voltage inputs are available : 0~1 V, 0~5 V, 0~10 V, 0~10 mV, 0~100 mV, 0~200 mV 22 V nominal, 30 mA max See Table 1 See Table 1 Automatic User programmable</p> <p>Upper display : 4 digit, 7 segment 8" (203.2 mm) red LED display Lower display : 4 digit, 7 segment 0.8" (20.32 mm) red LED display</p>	<p>PROGRAMMABLE PARAMETERS</p> <p>Unit</p> <p>Resolution</p> <p>High scale Low scale Digital filter Level lock</p> <p>OTHER</p> <p>Keypad</p> <p>Programming</p> <p>Dimensions (in mm)</p> <p>Enclosure material</p> <p>Finish</p> <p>Weight</p> <p>Mounting</p> <p>Connections</p> <p>Supply voltage</p> <p>Power consumption</p> <p>Operating ambient temperature</p> <p>Relative humidity</p>	<p>None, °C, °F, °K, EU, bar, PSI, PH°BAR, °PSI, °pH, °Pa, %RH, rpm, %, ^E, V, mV, A, mA, W, m, cm, g, kg, mmHg, LPM, LPH, cal User selectable 0.01, 0.1 or 1 for linear input, 0.1 or 1 for temperature Full range (See Table 1) Full range (See Table 1) A (minimum) ~ F (maximum) ON, OFF</p> <p>Tactile, membrane Through 3 keys 467(H) x 640(W) x 127(D) MS sheet, 20 SWG Powder coated, Siemens Grey, RAL-7032 13 kg Wall mount Heavy duty round-shell connectors 230 V AC ± 10%, 50 Hz 30 watts maximum 0~50 °C Below 90%, non condensing</p>
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PROGRAMMABLE LARGE DISPLAY INDICATOR ——— XALD8

8" CHARACTER HEIGHT, UNIVERSAL INPUT

TABLE 1

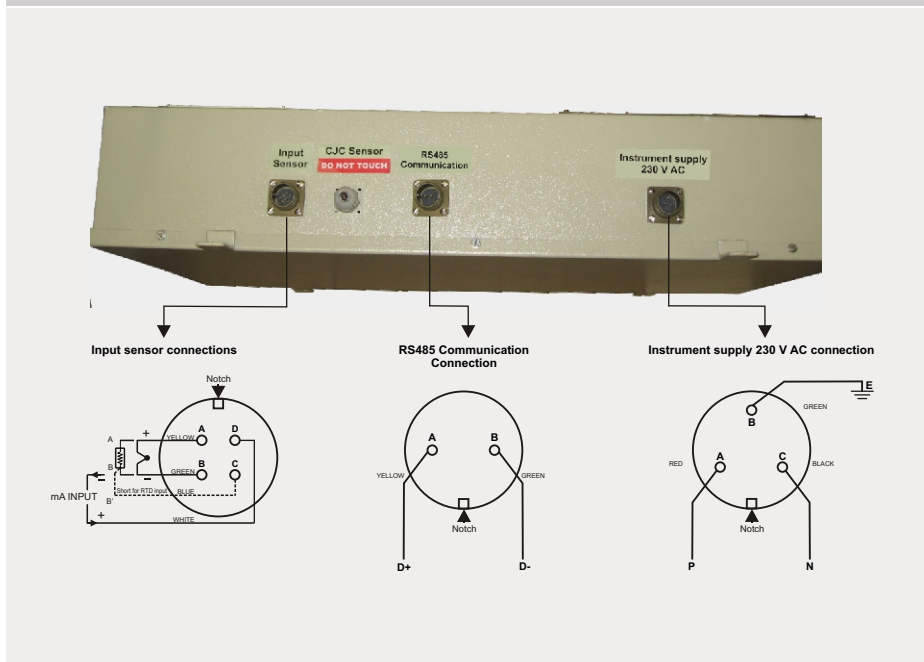
SENSOR / INPUT	RANGE LIMITS (°C / EU)		RANGE IN WHICH ACCURACY IS SPECIFIED		TYPICAL ACCURACY AT 30 °C (°C / EU)	WORST CASE ACCURACY (°C / EU)
	LOW SCALE	HIGH SCALE	LOW SCALE	HIGH SCALE		
Input Group 1						
Pt - 6% Rh / Pt - 30% Rh (B)	400	1820	400	1820	± 3	± 5
Chromel / Constantan (E)	-270	1000	0	1000	± 1	± 3
Iron / Constantan (J)	-210	760	0	760	± 1	± 3
Chromel / Alumel (K)	-270	1372	-50	1200	± 1	± 3
Nicrosil / Nisil (N)	-270	1300	-50	1200	± 1	± 3
Pt / Pt - 13% Rh (R)	0	1760	400	1760	± 2	± 5
Pt / Pt - 10% Rh (S)	0	1760	400	1760	± 2	± 5
Copper / Constantan (T)	-270	400	-200	400	± 1	± 3
Pt100, 3-wire	-200	850	-200	600	± 0.3	± 1.0
Linear (0~50 mV, 0~20 mA, 4~20 mA)	-1999	9999	-1999	9999	± 5 EU	± 20 EU

Input Group 2

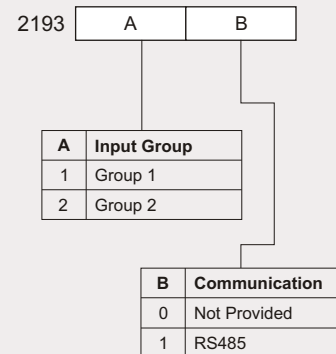
The following inputs are available in Input Group 2 in addition to inputs of Input Group 1.

Tungsten - 5% Rh / Tungsten - 26% Rh (C)	0	2320	0	2320	± 3	± 5
Tungsten - 3% Rh / Tungsten - 25% Rh (D)	0	2310	0	2310	± 3	± 5
Tungsten / Tungsten - 26% Rh (G)	0	2310	0	2310	± 3	± 5
Cu53	0	180	0	180	± 0.3	± 0.5
Linear (0~10 mV, 0~100 mV, 0~200 mV, 0~1 V, 0~5 V, 0~10 V)	-1999	9999	-1999	9999	± 5 EU	± 20 EU
Linear (4~20 mA) with square root	0	9999	0	9999	± 10 EU	± 40 EU

BOTTOM VIEW & CONNECTION DIAGRAM



ORDERING INFORMATION



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