

INPUT : OXYGEN LAMBDA SENSOR



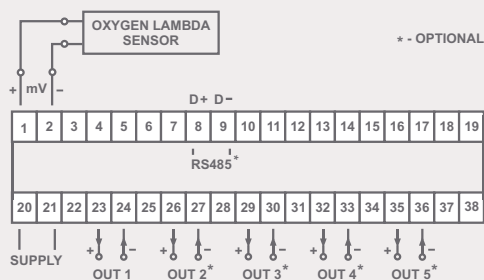
Direct display of %O₂
 Input : Oxygen Lambda Sensor
 Outputs : 2~5 x 4~20 mA (or voltage) outputs
 Input/supply/outputs mutually isolated
 Supply : 85~265 V AC/DC or 20~35 V DC
 Calibration through keys - no trimpots
 2 x 16 character LCD display
 RS485/MODBUS RTU option

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

<p>INPUTS Oxygen Lambda Sensor Range limits</p> <p>MONITORING Sensor break protection</p> <p>ACCURACY % O₂ Resolution Cold junction compensation</p> <p>OUTPUTS No. of outputs Output types Standard Current Voltage Non - Standard</p> <p>CALIBRATION</p> <p>ISOLATION Between input, supply and any output, and between any two outputs</p> <p>POWER SUPPLY Supply voltage</p>	<p>Zirconia probe a) 0~20.9 %O₂ b) -8.5mv ~ 3800mv</p> <p>User programmable</p> <p>0.5 % 0.01 %O₂ Automatic (for thermocouples)</p> <p>2~5</p> <p>0~20 mA, 4~20 mA, 20~0 mA, 20~4 mA (load : 0~500) 0~1 V DC, 0~5 V DC, 0~10 V DC Please specify Note : For EACH output, one of the Std or Non-std outputs MUST be specified</p> <p>ZERO and SPAN through front panel keys for each input and output (no trimpots used)</p> <p>a) 1000 V AC RMS, 50 hz / 1 minute b) 250 V AC RMS, 50 hz, continuous</p> <p>85~265 V AC, 50 hz OR 20~35 V DC</p>	<p>COMMUNICATION Port Protocol Slave ID</p> <p>ENCLOSURE Material Dimensions Mounting</p> <p>Connection, single/stranded wires Protection</p> <p>TEMPERATURE, HUMIDITY Ambient, storage Ambient, operation Relative humidity</p> <p>OTHER Programming Keypad Display</p>	<p>RS485 Modbus RTU User programmable</p> <p>ABS plastic 100(W) x 75(H) x 110(D) Snap on for 35 mm DIN rail to DIN 46277 2.5 mm², AWG 14</p> <p>IP20</p> <p>-22 ~ +85 C 0 ~ 50 C 0 ~ 95%</p> <p>With 3 keys & built-in display Tactile, 3 keys 2x16 character LCD display, backlit</p>
PROGRAMMABLE PARAMETERS			
<p>Hi scale Lo scale Enable/Disable output Sensor break Preset out Digital filter</p>	<p>20.90% 0.00% Provided for each output Upscale, Downscale Sensor break output value Provided, A~F</p>		

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CONNECTION DIAGRAM



ORDERING INFORMATION

2198	A	B	C	D	E	F	G
	A	B	C	D	E	F	G
	Output1 type	Output2 type	Output3 type	Output4 type	Output5 type	Communication	Supply voltage
	0 0/4~20 mA	0 None	0 None	0 None	0 None	0 Not Provided	0 85~265 V AC
	1 0~1 V DC	1 0/4~20 mA	1 0/4~20 mA	1 0/4~20 mA	1 0/4~20 mA	1 RS485	1 20~35 V DC
	2 0~5 V DC	2 0~1 V DC	2 0~1 V DC	2 0~1 V DC	2 0~1 V DC		
	3 0~10 V DC	3 0~5 V DC	3 0~5 V DC	3 0~5 V DC	3 0~5 V DC		
	4 Other *	4 0~10 V DC	4 0~10 V DC	4 0~10 V DC	4 0~10 V DC		
		5 Other *	5 Other *	5 Other *	5 Other *		

* Please specify



SALES INQUIRIES

1800-22-radix
1800-22-7234

www.radix.co.in

Radix ElectroSystems Pvt Ltd
B-14, 2nd Floor, Ghanshyam Indl Estate
Veera Desai Road, Andheri (W)
Mumbai - 400 053, India
Tel : + 91 22 26730101 Fax : + 91 22 26731891
Email : sales@radix.co.in www.radix.co.in

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