

MODBUS I/O SYSTEMS



Z-4RTD2 4-CH RTD INPUT MODULE / RS485 MODBUS RTU



TECHNICAL DATA

GENERAL DATA

Power Supply	10..40 Vdc, 19..28 Vac 50..60 Hz
Power Consumption	0,7 W
Isolation	1.500 Vac (3 way)
Power Transducers	Power Supply Error Data Transmission Data Receiving
Protection Degree	IP20

THERMOMECHANICAL FEATURES

Operating Temperature	-10..+65 °C
Housing	Nylon 6 with 30% glass-fiber, V0 self-extinguished class
Connections	Removable terminals block, plug in connectors, max wire size 2.5 mm ² Rear IDC10 connector for Z-PC backplane
Mounting	35 mm DIN rail guide 46277

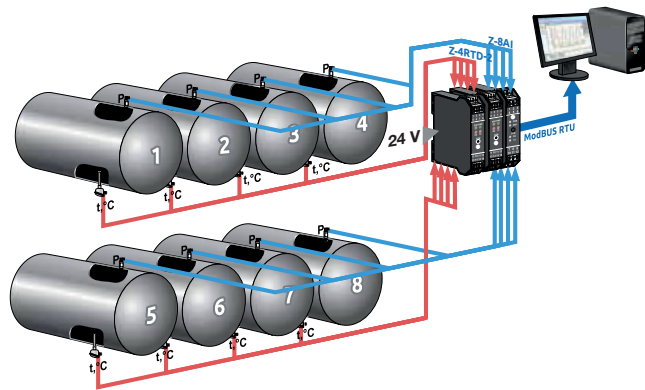
COMMUNICATION, PROCESSING, MEMORY

Interfaces	2 wires RS485
Speed	Up to 115 kbps
Protocol	ModBUS RTU slave
Communication Time	-
Distance	Up to 1200 m
Connectivity	Max 32 nodes
Data Memory	EEPROM for the configuration parameters, retention time 40 years

SIGNALS, MEASUREMENT; CONFIGURATIONS, NORMS

Channel	4
Type	clamps (ohmmeter 2,3,4 wire) Pt100: -200..+650°C (f.s. 330 Ω) Pt500: -200..+750°C (f.s. 1.800 Ω) Pt1000: -200..+210°C (f.s. 1.800 Ω) Ni100: -60..+250°C (f.s. 330 Ω)
Resolution	16 bit
Accuracy	0,05%
Thermal Drift	25 ppm/K
Programming	Z-NET4 (IEC 61131 software) EASY SETUP(plug&play software) DIP switches
Norms & Approvals	UL-UR, CE, EN 61000-6-4/2002, EN 61000-6-2/2002, EN 61010, EN 60742

APPLICATION EXAMPLE



ORDER CODES

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Software	pag. 41
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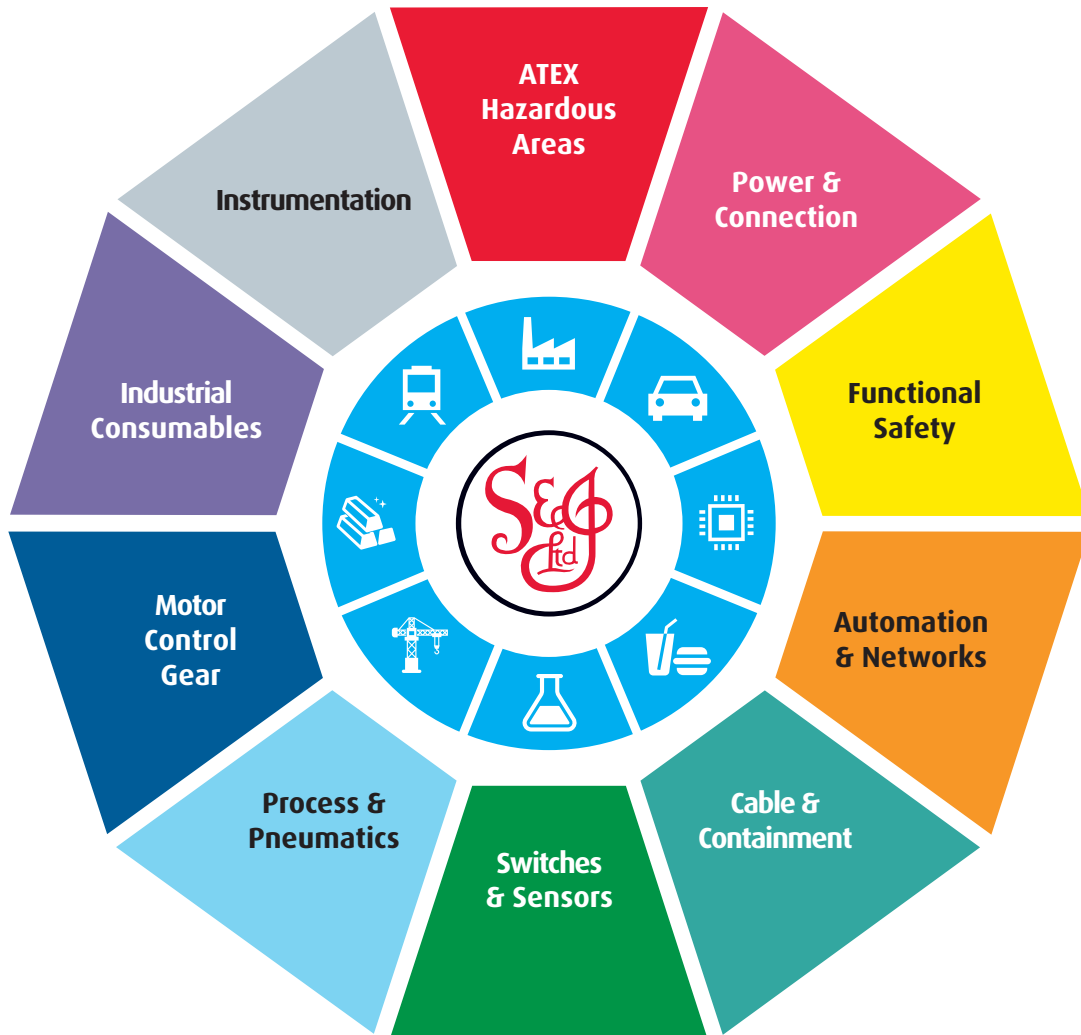
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