



MODBUS RTU - AI/AO CONVERTER

DDRIO SERIES



SYNOPSIS

- ANALOG INPUT: 4~20 MA OR 0~10V * 4 CHANNELS
- ANALOG OUTPUT: 4~20 MA OR 0~10V * 2 CHANNELS

TECHNICAL SPECIFICATIONS

HARDWARE

CPU	8 bits CPU
RAM	64K bytes SRAM
ROM	256K bytes Flash ROM

SERIAL INTERFACE

Port Number	1
Port Type	RS-485
Connector	Terminal Block
Speed	9600 bps ~ 115.2 Kbps
Parity	None
Data Bit	8
Stop Bit	1
Protection	RS-485 Surge Protection

ANALOG I/O

Analog Input	TI chipset 16 bits resolution Support 0 to 10V, 4 to 20 mA Sample rate: 5 times / second (4 channels)
Analog Output	12 bits resolution Support 0 to 10V or 4 to 20 mA

OTHER SPECIFICATIONS

Protocol	Support Modbus RTU Watchdog Function
LED Lamp	PWR, Rx, Tx

POWER

Input	DC 9 to 24 V, 200mA @ 12VDC support DC Jack & Terminal Block
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MECHANICAL

Dimension	90 * 60 * 20 mm (W * D * H)
Weight	140 gm
Mounting	Din-Rail and Panel mounting options

ENVIRONMENT

Operating Temperature	10°C to +70°C
Storage Temperature	20°C to +85°C

APPROVALS TESTED FOR

FCC	Part 15 Class A
CE	EN55022 Class A, EN55024
RoHS	Compliance

ORDERING INFORMATION

DDRIO 4002 AV K

DDRIO	Modbus RTU to IO's converter
4002	4: AI 0: DI 0: DO 2: AO
AV	Supports Analog Current & Voltage
K	Fixed