



## M4428

8 analog outputs

0~10VDC

12 bit resolution

Hotswap

18pt removable terminal block (RTB18C)

## Facts

### General description

Article number	100-8249
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), DNVGL-CG-0339 (Vibration Class B, 4G)
Industrial emissions	EN 61000-6-4/2019
Industrial immunity	EN 61000-6-2 : 2019
Installation position	Horisontal, Vertical
Power dissipation	Max. 30 mA @ 5.0 VDC
Isolation	I/O to Logic : Photocoupler Isolation, Field power : Non-Isolation
Field power	Supply voltage : 24 VDC Norminal Voltage range : 18V ~ 28.8 VDC Power Dissipation : Max. 120 mA@24 VDC, Load(2KΩ)
Weight	72g
Module size	12 x 110 x 75 mm

## Certifications

General	CE, FCC, UL, cUL
Hazardous	UL C1D2, ATEX (Zone2)
Marine	DNV GL
Safety	UL508, CAN/CSA C22.2 No.142-M1987

## Environmental

Mounting	35mm DIN rail
Operating temperature	-25 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-25 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

## Analog output module specifications

Calibration	Not Required
Common type	8 Common, Field Power 0V is Common(AGND)
Conversion time	Max. 250usec / All channel
Data format	16 bits Integer (2' compliment)
Diagnostics	Field Power Off : Led Blinking, Field Power On : Led ON
Indicators	1 Green Output status
Load resistance	Min. 2 K $\Omega$
Module error	$\pm 0.1\%$ Full Scale @ 25°C ambient, $\pm 0.3\%$ Full Scale @ -25°C~60°C
Output format	0 ~ 10 VDC
Outputs per module	8 Channels single ended
Resolution in ranges	12 bits : 2.44mV/Bit

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