

eManager Pro GPRS ACTIO 1072

eManager Pro GPRS ACTIO 1072, ARM controller

Code: D301100012000

> Memory: 512 MB | 8 GB eMMC
> Analogue Inputs: 7
> Módules: 7
> Communications: RS232/485 | Ethernet | Wi-Fi | GPRS
> Nº relays: 2 (6 A)
> Digital inputs: 10
> Power supply: 85 ... 264 V~
> CPU: ARM Cortex A7 800 MHz

Description

eManager ActIO is the range of IoT industrial controllers with different combinations of digital inputs, analogue inputs and relays. eManager ActIO centralises datalogging, communications, industrial protocol integration, signals and actuators. All in one.
All eManager input & output modules have their own microprocessor so you can perform real-time operations without relying on the main Linux CPU. In addition, you can control each relay, digital & analogue input in an agile and intuitive way with our customised Node-RED nodes.

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Specifications

AC power supply

Consumption	8,8 ... 10,5 VA
Frequency	47 ... 63 Hz
Nominal voltage	85 ... 264 V~

DC power supply

Consumption	6,4 ... 6,5 W
Nominal voltage	120 ... 300 Vdc

Electrical characteristics

Isolation level	3 kVac

Mechanical characteristics

Size (mm) width x height x depth	123 x 89 x 48 (mm)
Envelope	Polycarbonate UL94 - Self-extinguishing V2
Fastening	DIN rail 46277 (EN 50022)
Weight (kg)	1

Environmental characteristics

Protection class	IP 20
Relative humidity (without condensation)	5...95 %
Operating temperature	-20...+50 °C

Communication Network

Technology / Interface	Ethernet 10/100 Mbps

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300 V
Electrical safety, Contamination level/class	Double-insulated electric shock protection class II (IEC 61010)
Standards	UNE EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4

Electrical safety

Insulation	3 kVac

Analogue inputs

Quantity	7
Nominal range	0...10 V / 0...20 mA o 4...20 mA
Nominal input range	0...10 V / 0...20 mA or 4...20 mA

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Digital inputs

Quantity	10
Type	0...24 Vdc

Digital relay outputs

Quantity	2
Type	NO
Maximum current	6 A
Maximum open contact voltage	250 Vac

Radio communication

Band	850 / 900 / 1800 / 1900 MHz
Technology / Type	GPRS

Serial communication

Technology / Type	RS-232 (full-duplex) / RS-485 (half-duplex)Galvanic isolation

Wireless communication

Band	802.11 b/g/n (2.4 GHz.)
Technology / Interface	Wi-Fi

eManager ActIO

IoT programmable controllers with digital, analog inputs and relays

CODE	TYPE	CPU	Memory	Analogue Inputs	Digital inputs	N° relays	Communications	Power supply
eManager ActIO								
D201000012000	eManager ACTIO 1072	ARM Cortex A7 700 MHz	256 MB | 512 MB NAND	7	10	2 (6 A)	RS232/485 | Ethernet | Wi-Fi	85 ... 264 V~
D301000012000	eManager Pro ACTIO 1072	ARM Cortex A7 800 MHz	512 MB | 8 GB eMMC	7	10	2 (6 A)	RS232/485 | Ethernet | Wi-Fi	85 ... 264 V~
D301100012000	eManager Pro GPRS ACTIO 1072	ARM Cortex A7 800 MHz	512 MB | 8 GB eMMC	7	10	2 (6 A)	RS232/485 | Ethernet | Wi-Fi | GPRS	85 ... 264 V~
D301100030000	eManager Pro GPRS ACTIO 80	ARM Cortex A7 800 MHz	512 MB | 8 GB eMMC			8 (2 A)	RS232/485 | Ethernet | Wi-Fi | GPRS	85 ... 264 V~
D301200012000	eManager Pro 4G ACTIO 1072	ARM Cortex A7 800 MHz	512 MB | 8 GB eMMC	7	10	2 (6 A)	RS232/485 | Ethernet | Wi-Fi | 4G EMEA	85 ... 264 V~
D301200060000	eManager Pro 4G ACTIO 221	ARM Cortex A7 800 MHz	512 MB | 8 GB eMMC		2	1 (6 A)	RS232/485 | Ethernet | Wi-Fi | 4G EMEA	85 ... 264 V~

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