

# VP4 visualPAC

- COMPACT PROGRAMMABLE CONTROLLER WITH 4.3" GRAPHIC DISPLAY
- ON BOARD I/O



## FEATURES

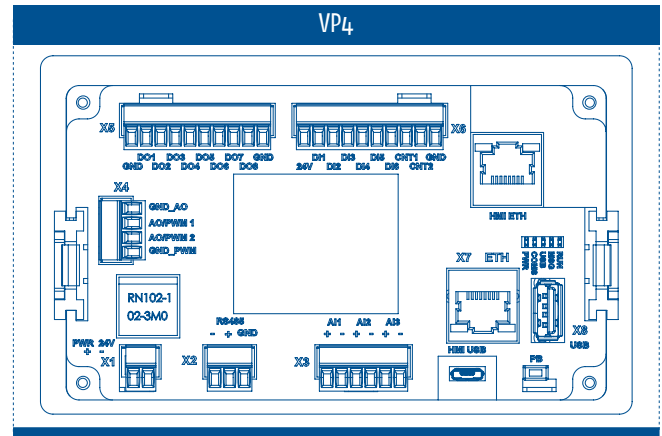
INPUTS	
	VP4 0... 5 V, 0... 10 V, 0/4... 20 mA, TC (J, K, L, N, R, S, T), PT100, PT1000, NTC (103AT-2) 16 bit resolution Accuracy: 0.5 % f.s. (linear and temperature ) Input Impedance >120 kΩ; < 200 Ω (mA) 2 input sink type IEC61131-2 type 3 for counters and frequency 5 kHz max (optional) Protection: reverse polarity and overvoltage
2 Analogue (same type, always available)+ 1 Analogue (optional)	
OUTPUTS	
0/2 Analogue (optional)	0/4... 20 mA, frequency (PWM) 12 bit resolution Accuracy 0.5 % f.s.
DIGITAL CHANNELS	
6+2 inputs + 8 outputs	6 digital inputs + 2 CNT digital inputs + 8 digital outputs
PORTS AND COMMUNICATION	
Ethernet	2 Ethernet ports 10/100 MB
1 Serial	RS485
USB	USB type A (HOST mode)
Protocol	Modbus TCP, Modbus RTU (Master and Slave), Client/Server
FUNCTIONAL	
Processor	ARM Cortex M7 32 bit, 386 MHz
Memory	512 KB SDRAM, 8 Kb NVRAM
Programming	Standard language IEC 61131-3: IL, ST, FBD, LD, SFC, CFC
Real Time Clock	Back-up battery on board (rechargeable)
GENERALS	
Power Supply	24 Vdc (-15... +25 %)
Power consumption	12 W
Dimensions / Weight	86 x 142 x 50 mm / 300 g.
Mounting	On panel
Protection	IP 54
Operating/storage temperature	0... 50 °C (32... 122 °F) / -20... 70 °C (-4... 158 °F)
Operating Humidity	5... 95 RH% without condensation

## HOW TO ORDER

To compose the part number, pls. choose one of the option for each variable

VP4	CODE
<b>LCD DISPLAY</b>	
4.3" graphic display (PM343 - spare parts only)	3
4.3" graphic display (new- S version)	S
<b>AI1, AI2 ANALOGUE INPUTS</b>	
2 inputs 20 mA	AA
2 inputs PT100	CC
2 inputs PT1000	MM
2 inputs NTC	NN
2 inputs TC	TT
2 inputs V	VV
<b>AI3 NALOGUE INPUT</b>	
Not available	-
1 input 0/4... 20 mA	A
1 input PT100	C
1 input PT1000	M
1 input NTC	N
1 input TC	T
1 input V	V
<b>AO1, AO2 NALOGUE OUTPUTS</b>	
Not available	-
2 outputs 0/4... 20 mA	A
2 outputs PWM/Hz	F
<b>DIGITAL I/O</b>	
6 digital inputs + 2 digital inputs CNT + 8 digital outputs	62
8 digital inputs+ 8 digital outputs	88
<b>CASE COLOUR</b>	
Grey	G
White	W

## CONNECTIONS



## DIMENSIONS

