

VP4 visualPAC

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



FEATURES

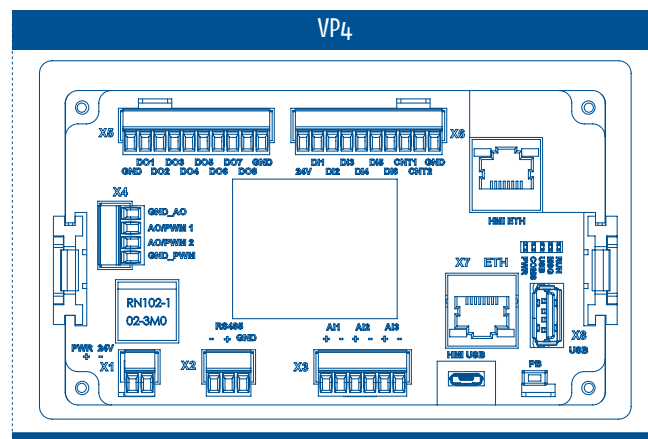
INPUTS		VP4
2 Analogue (same type, always available)+ 1 Analogue (optional)		0... 5 V, 0... 10 V, 0/4... 20 mA, TC (J, K, L, N, R, S, T), PT100, PT1000, NTC (103AT-2)
		16 bit resolution
		Accuracy: 0.5 % f.s. (linear and temperature)
		Input Impedance >120 kΩ; < 200 Ω (mA)
		2 input sink type IEC61131-2 type 3 for counters and frequency 5 kHz max (optional)
		Protection: reverse polarity and overvoltage
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
LCD DISPLAY	
4.3" graphic display (PM343 - spare parts only)	3
4.3" graphic display (new - S version)	S
AI1, AI2 ANALOGUE INPUTS	
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
AI3 ANALOGUE INPUT	
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
AO1, AO2 ANALOGUE OUTPUTS	
Not available	-
2 outputs 0/4... 20 mA	A
2 outputs PWM/Hz	F
DIGITAL I/O	
6 digital inputs + 2 digital inputs CNT + 8 digital outputs	62
8 digital inputs + 8 digital outputs	88
CASE COLOUR	
Grey	G
White	W

CONNECTIONS



DIMENSIONS

