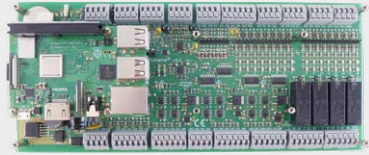


TECHNICAL DATA

HARDWARE	PiXtend® V2 -S-	PiXtend® V2 -L-
 PiXtend®		
Power supply	24V DC $\pm 20\%$	24V DC $\pm 20\%$
Retain-/Remanence memory	32 Bytes Flash EEPROM	64 Bytes Flash EEPROM
Real Time Clock (RTC)	With battery buffering	With battery buffering
Temperature- and Air Humidity Sensors	Up to 4 DHT11, DHT22, AM2302	Up to 4 DHT11, DHT22, AM2302
CAN bus	-	1x **
RS232	1x	1x *
RS485	Via USB-Dongle	1x*, Modbus RTU capable
Digital inputs (DI)	8x 3,3 / 5 / 12 / 24V	16x 3,3 / 5 / 12 / 24V
Digital outputs (DO)	4x PNP 5 / 12 / 24V, 0,5A	12x PNP 5 / 12 / 24V, 0,5A
Analog voltage inputs (AI-U)	2x 0...5V, 0...10V, 10 Bit	4x 0...5V, 0...10V, 10 Bit
Analog current inputs (AI-I)	-	2x 0...20mA, 10 Bit
Analog outputs (AO)	2x 0...10V, 10 Bit	2x 0...10V, 10 Bit
Relais	4x, max. 230V / 6A	4x, max. 230V / 6A
PWM-/Servo outputs	4x, 16 Bit resolution, 5V	6x, 16 Bit resolution, 5V
GPIO	4x 5V GPIO	4x 5V GPIO
Interfaces and I/Os	Short circuit proof, supply with reverse polarity and overload protection (self-resetting safety device)	Short circuit proof, supply with reverse polarity and overload protection (self-resetting safety device)
Max. temperature range	0°C...50°C	0°C...50°C
Dimension – without housing	166.3 x 101.8 x 27 mm	236.3 x 101.8 x 27 mm
Top hat rail housing	Aluminium	Aluminium
Supported RPI models	1 B+, 2B, 3 B, 3 B+ 4 B (Extension Board & Basic)	1 B+, 2B, 3 B, 3 B+ 4 B (Extension Board & Basic)
SOFTWARE		
Short cycle times	2.5 ms (400 Hz)	5 ms (200 Hz)
Support for	CODESYS V3, C- and Phyton Library, FHEM, Node-RED	CODESYS V3, C- and Phyton Library, FHEM, Node-RED

* RS232 & RS485 can not be used simultaneously

** if CAN is used, the analog outputs (AO) can not be used at the same time

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We point out that all used brand names refer to the general brand, trademark or patent protection of the respective company or facility. Subject to change.

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