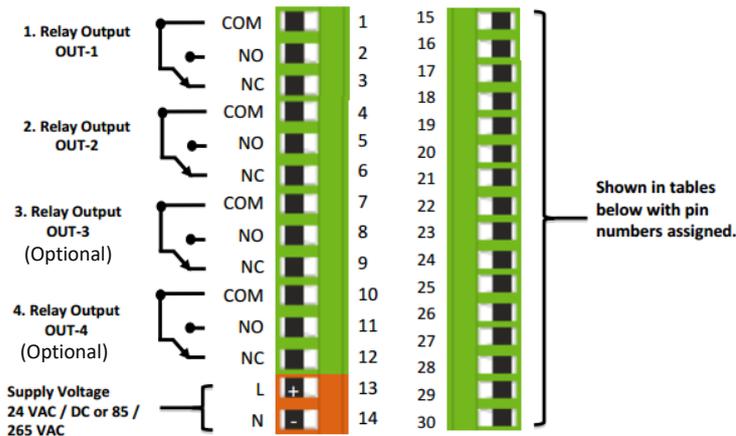




- 4 different analog input functions in one device
- Load Cell connection possible
- RS-232, RS-485 or CANopen serial communication option
- 2 relay outputs that can be set in different functions (4 optional)
- Analog output option (0-10V, 0-5V, 0.5-4.5V, 4-20mA, 0-20mA)
- Reversible analog output (e.g. 10-0 V, 20-0 mA)
- High sampling rate: 3.5 kHz
- Conversion of analog signals (0-10 V, 4-20 mA, 0-20 mA, Potentiometric, etc.) into CANopen signals
- Conversion of CANopen signals to analog signals (0-10 V, 4-20 mA, 0-20 mA)
- Small and compact design
- Easy and user-friendly interface
- Tare function
- Menu hiding or password protection

## Connection



Digital Comn.	28	29	30
RS485	A	B	GND
RS232	Rx	Tx	GND
CANopen	CAN HIGH	CAN LOW	GND

## Technical Properties

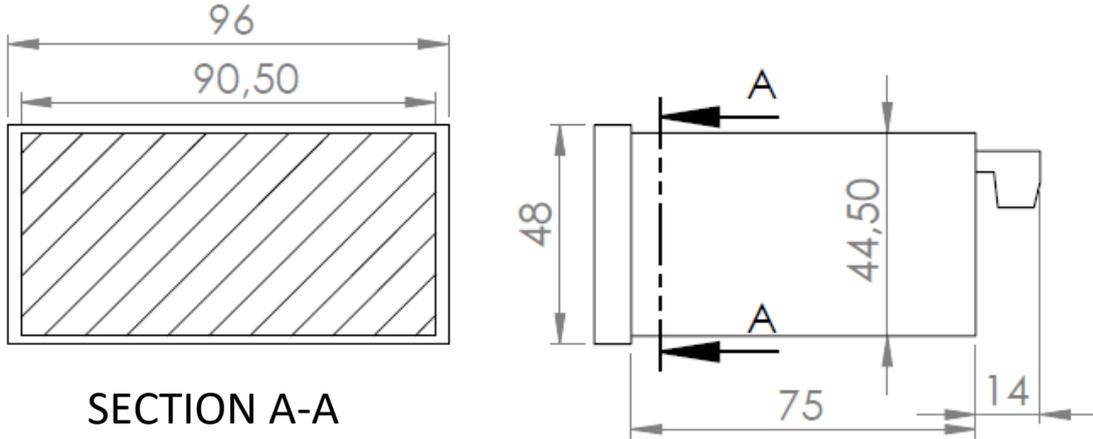
<b>Display</b>	1st Line(LED Bar): digit height:5mm 2nd Line: 7-segment LED, digit height:14mm
<b>Supply Voltage</b>	24 V <sub>AC/DC</sub> 50/60 Hz 85-265 V <sub>AC</sub> 50/60 Hz
<b>Power usage</b>	9 VA / 2,7 Watt Maksimum
<b>Sensor Supply Voltage</b>	Pot: 5 V <sub>DC</sub> 3,33 mV/V: 10 V <sub>DC</sub> 0-10V: 24 V <sub>DC</sub> 4-20 mA: 24 V <sub>DC</sub> CANopen: 24 V <sub>DC</sub>
<b>Max Sensor Supply Current</b>	100 mA
<b>Refresh Rate</b>	3.5 kHz
<b>Resolution</b>	16 bit
<b>Analogue Inputs</b>	Potentiometer, 0.5-4.5 V, 0-5 V, 0-10 V, 4-20 mA, 0-20 mA, 3,33 mV/V, 2mV/V, 2,5mV/V Ratiometric
<b>Relay Outputs</b>	2 pcs 250 V <sub>AC</sub> 3A (Resistive Load) Relay (optional 4 pcs)
<b>Serial Communication (Optional)</b>	RS-232, RS-485, CANopen
<b>Analogue Outputs (Optional)</b>	0-10 V, 0-5 V, 0.5- 4.5 V, 4-20 mA, 0-20 mA
<b>Electrical Connection</b>	2,5 mm <sup>2</sup> Universal Terminal
<b>Weight</b>	220 gr
<b>Operating Temperature</b>	0 ile 50 °C
<b>Protection Class</b>	IP60 Front Panel, IP20 Back Panel

ANALOG OUTPUTS	20	21	22	23	24*	25*	26*	27*
4-20 mA Output	Signal Output	GND	X	X	Signal Output	GND	Signal Output	GND
0-10 V Output								
0-5 V Output								
0.5-4.5 V Output								
Tare Input	X	X	Tare	GND	X	X	X	X

Physical Interface	Protocol
RS-232, RS-485, VCP	ASCII, ModBus_RTU, ModBus_ASCII
CAN	CANopen

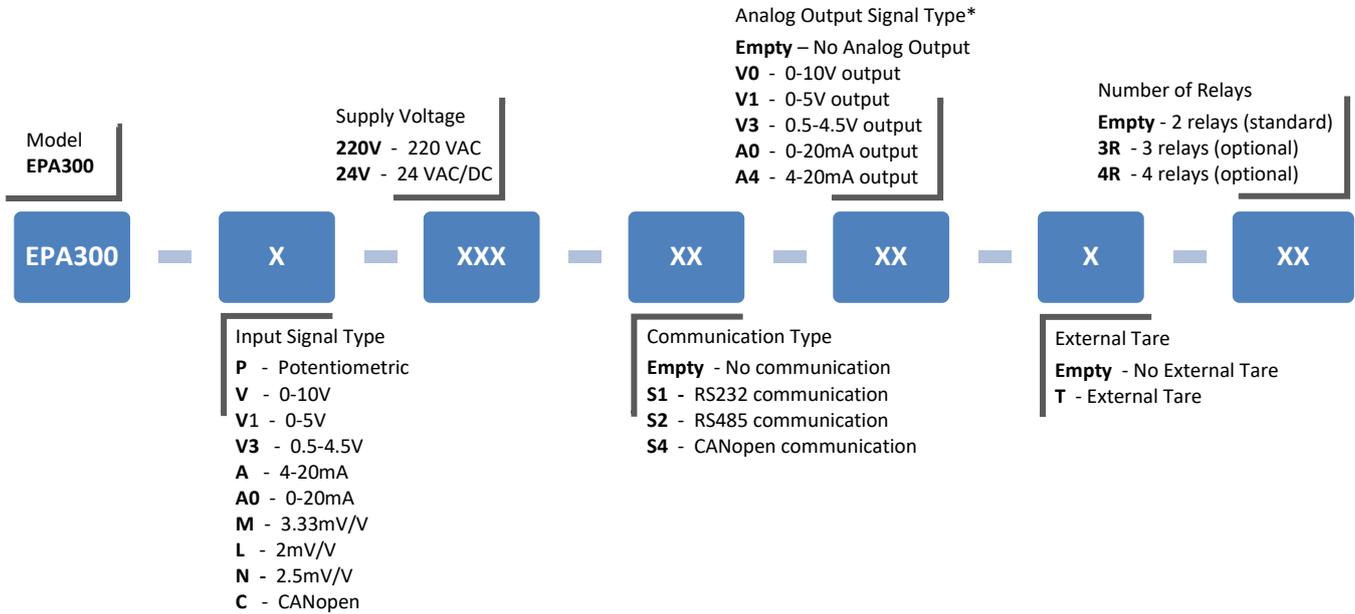
SENSOR INPUT	15	16	17	18	19
Potentiometer	1. tip	2. tip	3. tip	X	X
4-20 mA Input 0-20 mA Input 0-10 V Input 0-5 V Input 0.5-4.5 V Input	Supply	Sensor Signal	GND	X	X
mV/V Input	Supply	X	GND	Signal(+)	Signal(-)

## Mechanical Dimensions



SECTION A-A

## Order Code



\* Optionally **Dual Analog Output** can be requested. In this case, it is necessary to add "2" code at the beginning of the desired signal output at order coding.

Sample Product Code: EPA300-P-220V-S2-2A4-T

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