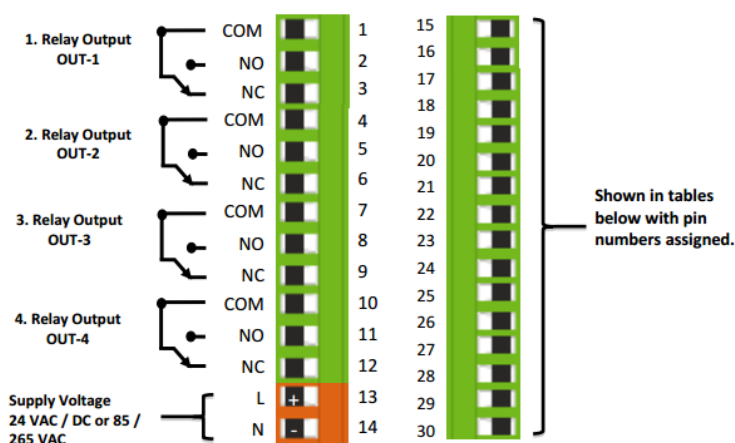




- 4 different analog input functions in one device
- RS-232, RS-485, USB or CANopen communication
- 4 relay outputs, adjustable in different functions
- High sampling rate: 3.5 kHz
- Converting analog signals (4-20 mA, 0-10 V, potentiometric, ratiometric) to CANopen signals, and CANopen signals to analog.
- Reversible analog output (10-0 V, 20-0mA)
- Fast and multi-parameter configuration via USB
- 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
USB HID	USB CONNECTOR		
USB VIRTUAL	USB CONNECTOR		
CANopen	CAN HIGH	CAN LOW	GND

Technical Properties

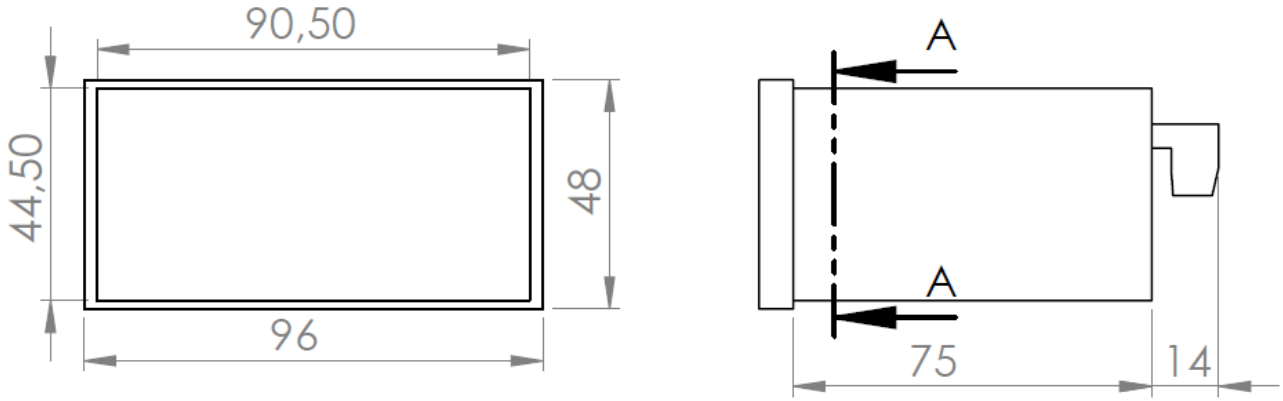
Supply Voltage	24 V _{AC/DC} 50/60 Hz 85-265 V _{AC} 50/60 Hz
Power usage	9 VA / 2,7 Watt Maksimum
Sensor Supply Voltage	Pot: 5 V _{DC} 3,33 mV/V; 10 V _{DC} 0-10V: 24 V _{DC} 4-20 mA: 24 V _{DC} CANopen: 24 V _{DC}
Max Sensor Supply Current	100 mA
Refresh Rate	3.5 kHz
Resolution	16 bit
Analogue Inputs	Potentiometric , 0-10 V, 4-20 mA 3.33 mV/V, 2mV/V, 2.5 mV/V Ratiometric
Relay Outputs	4 x 250 V _{AC} 3A (Resistive Load) Relay
Serial Communication (Optional)	RS-232, RS-485, USB, CANopen
Analogue Outputs (Optional)	0-10 V, 4-20 mA, 0-20 mA
Electrical Connection	2,5 mm ² Universal Terminal
Weight	220 gr
Operating Temperature	0 ile 50 °C
Protection Class	IP60 Front Panel, IP20 Back Panel

Analog	20	21	22	23	24	25	26	27
4-20 mA Output	4-20 mA Output	GND			4-20 mA Output	GND	4-20 mA Output	GND
0-10 V Output	0-10 V Output	GND			0-10 V Output	GND	0-10 V Output	GND
Tare Input			Tare Input	GND				

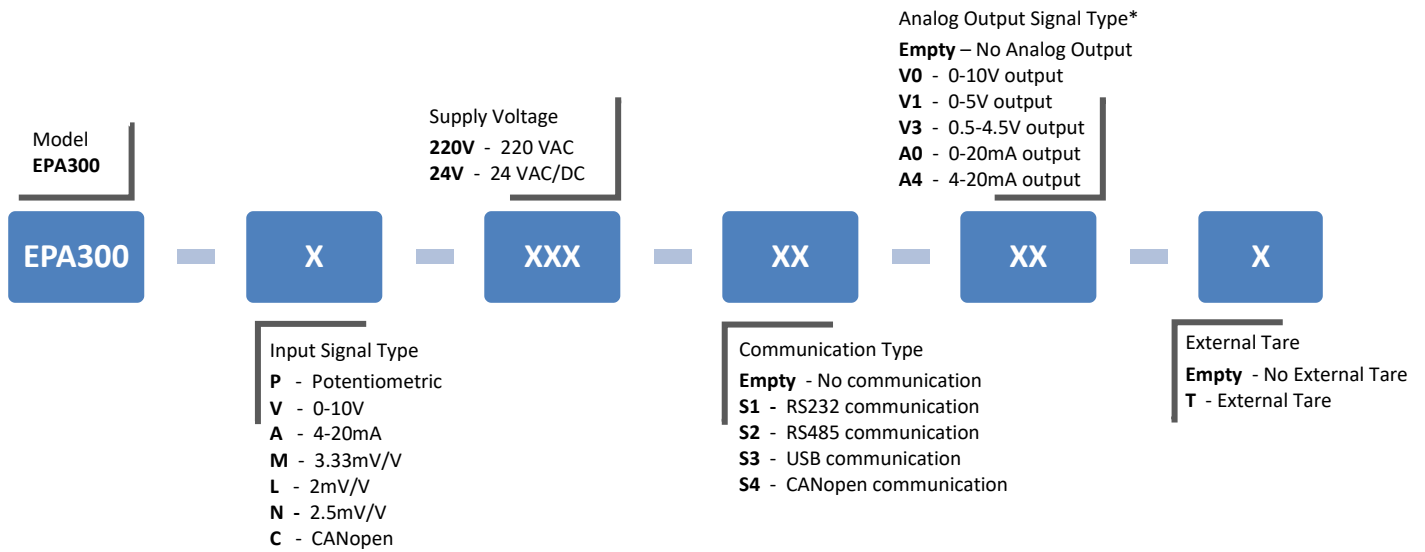
Physical Interface	Protocol
RS-232, RS-485, VCP	ASCII, ModBus_RTU, ModBus_ASCII
USB	HID DEVICE
CAN	CANopen

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

Mechanical Dimensions



Order Code



Sample product code: **EPA300-P-220V-S2-A4-T**

* 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

Eskon Sensor Technology