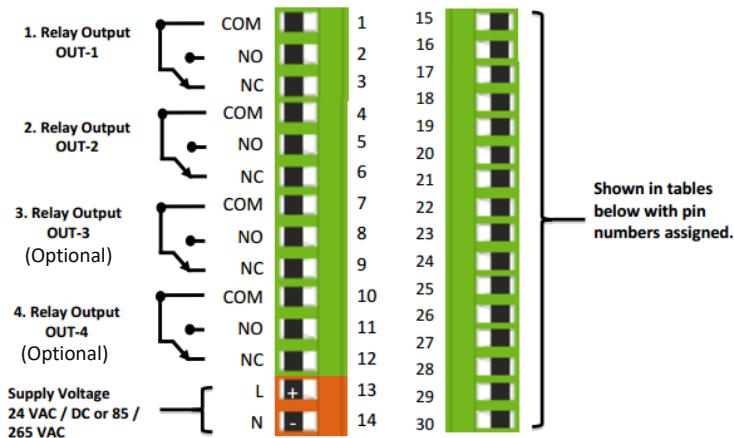




- 4 different analog input functions in one device
- Load Cell connection possible
- RS-232, RS-485 or CANopen serial communication option
- 2 relay outputs that can be set in different functions (4 optional)
- Analog output option (0-10V, 0-5V, 0.5-4.5V, 4-20mA, 0-20mA)
- Reversible analog output (e.g. 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

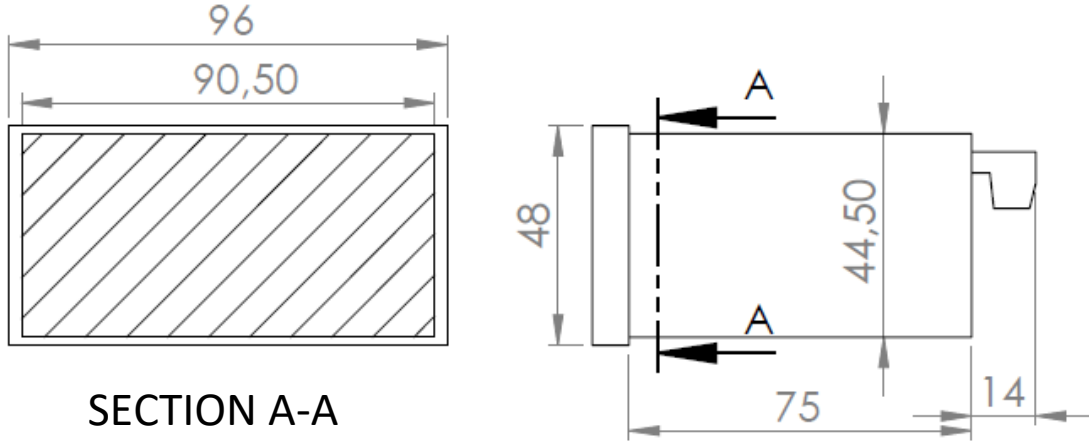
| | |
|--|--|
| Display | 1st Line(LED Bar): digit height:5mm 2nd Line: 7-segment LED, digit height:14mm |
| Supply Voltage | 24 V _{AC/DC} 50/60 Hz 85-265 V _{AC} 50/60 Hz |
| Power usage | 9 VA / 2,7 Watt Maksimum |
| Sensor Supply Voltage | Pot: 5 V _{DC} 3,33 mV/V: 10 V _{DC} 0-10V: 24 V _{DC} 4-20 mA: 24 V _{DC} CANopen: 24 V _{DC} |
| Max Sensor Supply Current | 100 mA |
| Refresh Rate | 3.5 kHz |
| Resolution | 16 bit |
| Analogue Inputs | 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 |
| Relay Outputs | 2 pcs 250 V _{AC} 3A (Resistive Load) Relay (optional 4 pcs) |
| Serial Communication (Optional) | RS-232, RS-485, CANopen |
| Analogue Outputs (Optional) | 0-10 V, 0-5 V, 0.5- 4.5 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 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 |

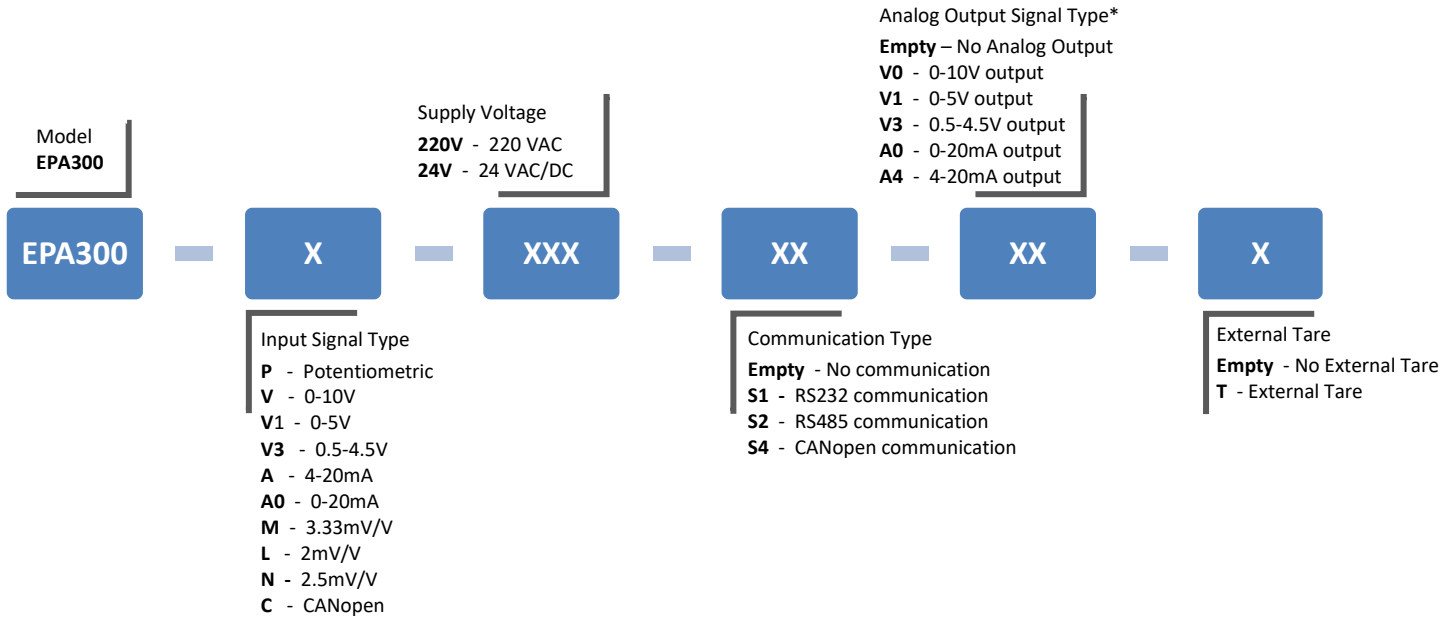
| SENSOR INPUT | 15 | 16 | 17 | 18 | 19 |
|--|--------|---------------|--------|-----------|-----------|
| Potentiometer | 1. tip | 2. tip | 3. tip | X | X |
| 4-20 mA Input 0-20 mA Input 0-10 V Input 0-5 V Input 0.5-4.5 V Input | Supply | Sensor Signal | GND | X | X |
| mV/V Input | Supply | X | GND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