

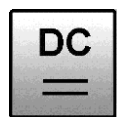
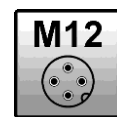
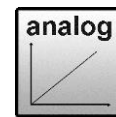
SL870025

Flow sensors
Programmable airflow sensors

- / Mass flow measurement of air
- / Consumption measurement in compressed air networks
- / TFT display
- / Easy installation under pressure



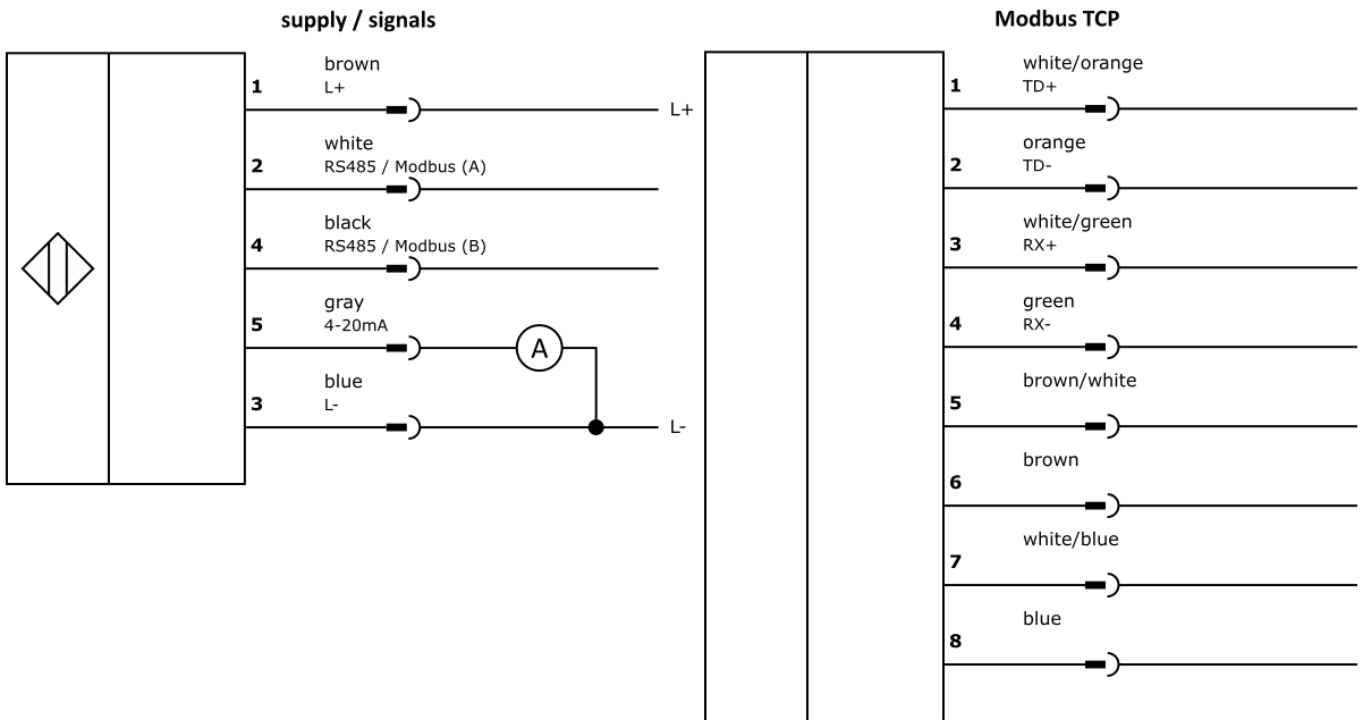
Modbus TCP PoE, Ethernet interface
Analog output



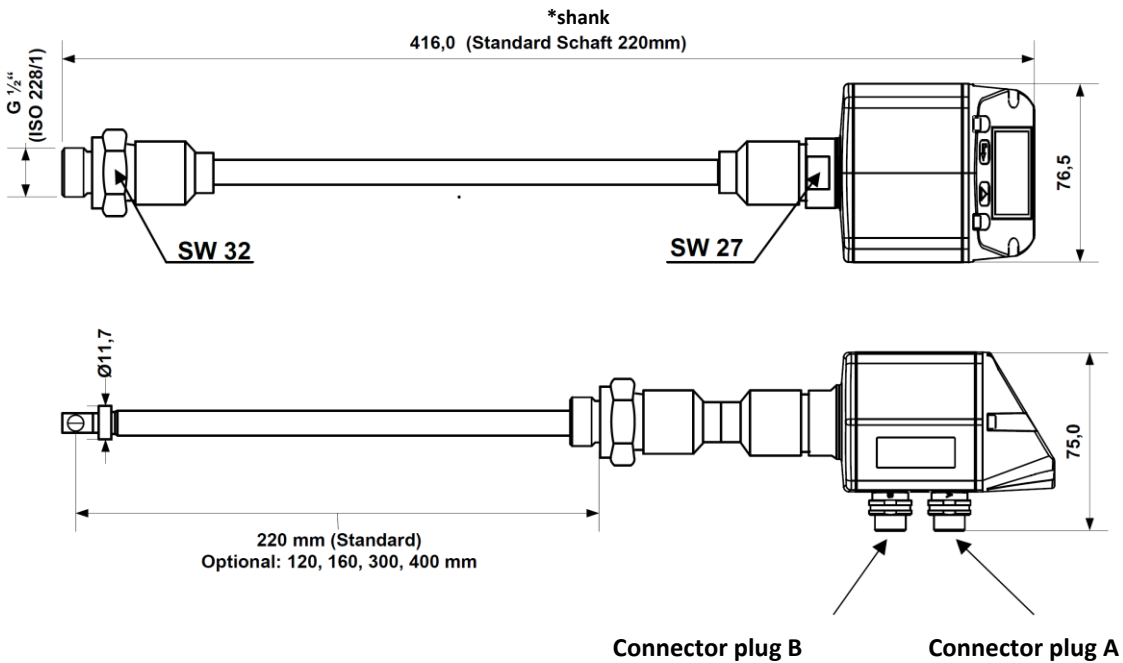
TECHNICAL DATA

| | |
|-----------------------------|--|
| Measured variables | Flow, consumption and speed |
| Reference standard | Standard setting ex works: DIN 1945, ISO 1217 at 20°C AND 1;000 mbar other standard states adjustable via keypad |
| Adjustable units | m ³ /h (Standard setting ex works) m ³ /min, l/min, l/s, ft/min, cfm, m/s, kg/h, kg/min, kg/s, °C, °F |
| Measuring principle | calorimetric measurement |
| Sensor | Pt45, Pt1000 |
| Measuring medium | Air, gases |
| Ambient temperature | Sensor tube: -30 ... 110°C Housing: -20 ... 70 °C |
| Operating pressure | up to 50 bar (pressure > 10bar a high pressure safety device is strongly recommended) |
| Power supply | 12 ... 36 VDC |
| Power consumption | max. 5W |
| Interface | Modbus TCP with PoE (Power over Ethernet) |
| Analog output | 4...20 mA, with load < 500 Ohm |
| Accuracy | ± 1,5 % from measured value, ± 0,3 % from final value |
| Display | TFT 1.8" Resolution 220 x 176 |
| Screw-in thread | G1/2" |
| Tube diameter | G1/2"... DN 1000 |
| Installation | 1/2"- Threaded connection or tapping clamp with ball valve |
| Material | stainless steel 1.4301 / polycarbonate |
| Protection class (EN 60529) | IP65 |
| Connection | 1 x M12-connector, 5-pin / 1 x M12-connector, 8-pin (X-encoded) |

Elektrical connection



Dimensional drawing



SAFETY INSTRUCTIONS:

Before commissioning, please make sure that all safety instructions listed in the product documentation, if applicable, have been observed!

If there is a direct effect on personal safety, the use of these products is prohibited.