

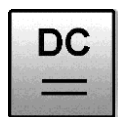
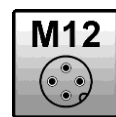
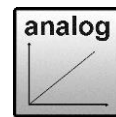
SL870025

Flow sensors
Programmable airflow sensors

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



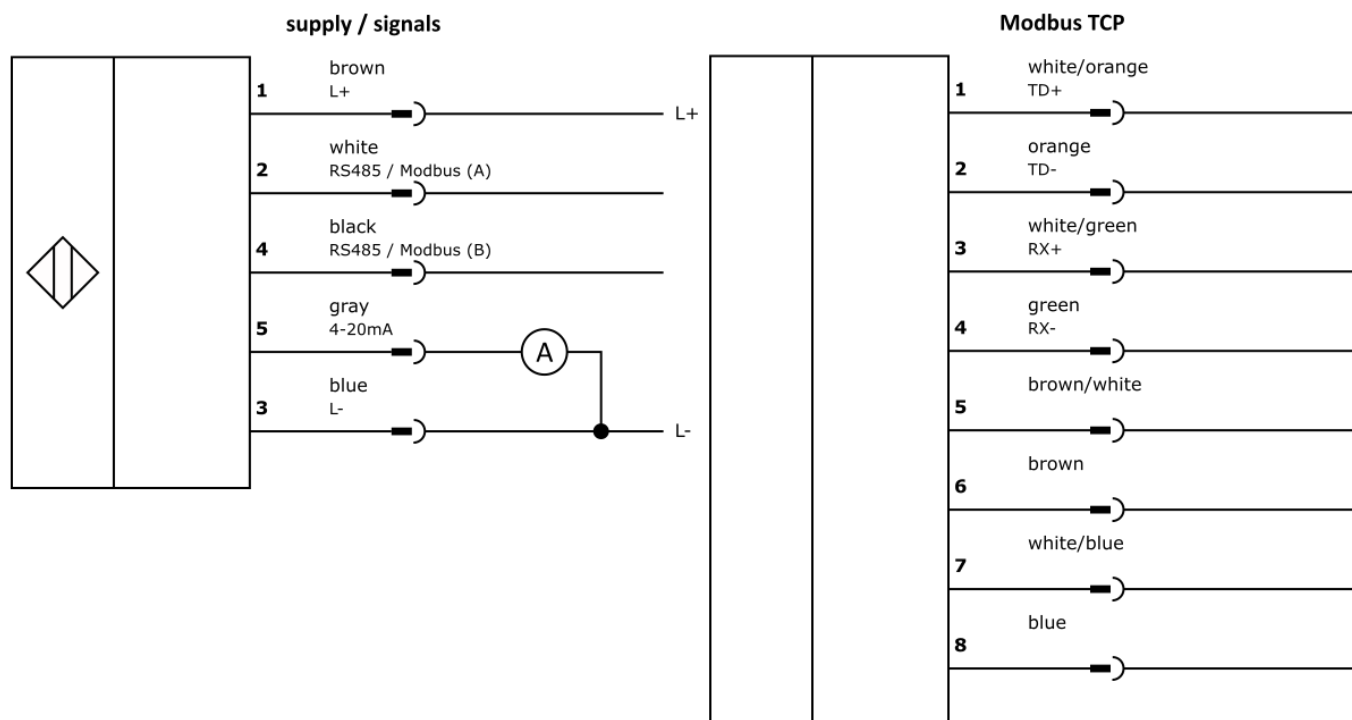
Modbus TCP PoE, Ethernet interface
Analog output



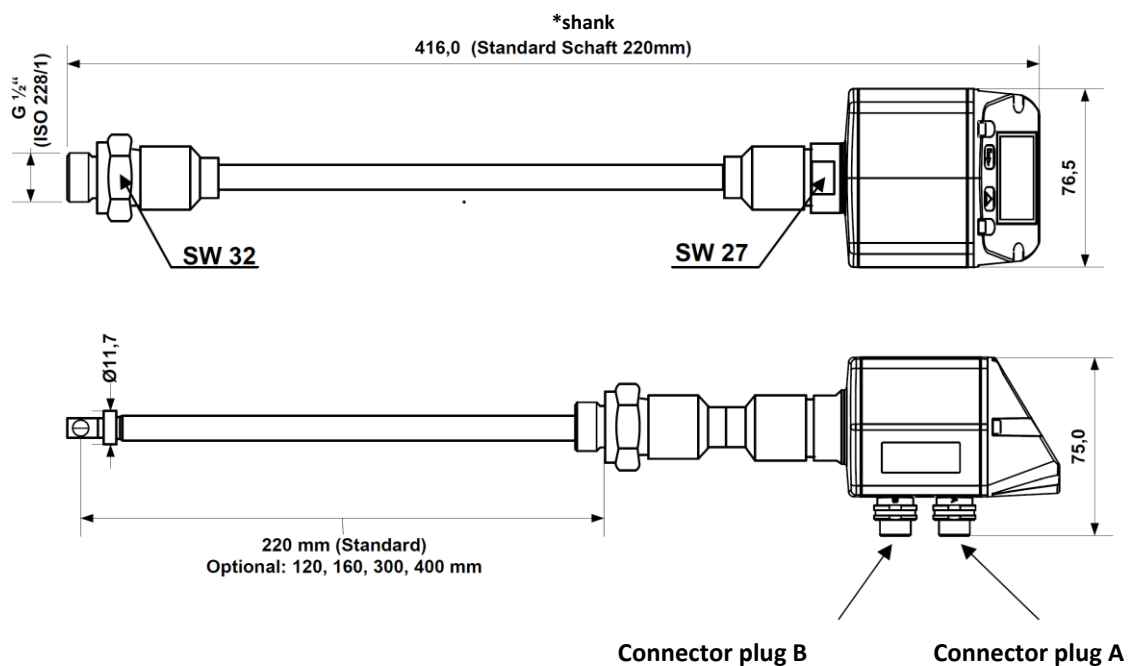
TECHNICAL DATA

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	m³/h (Standard setting ex works) m³/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.