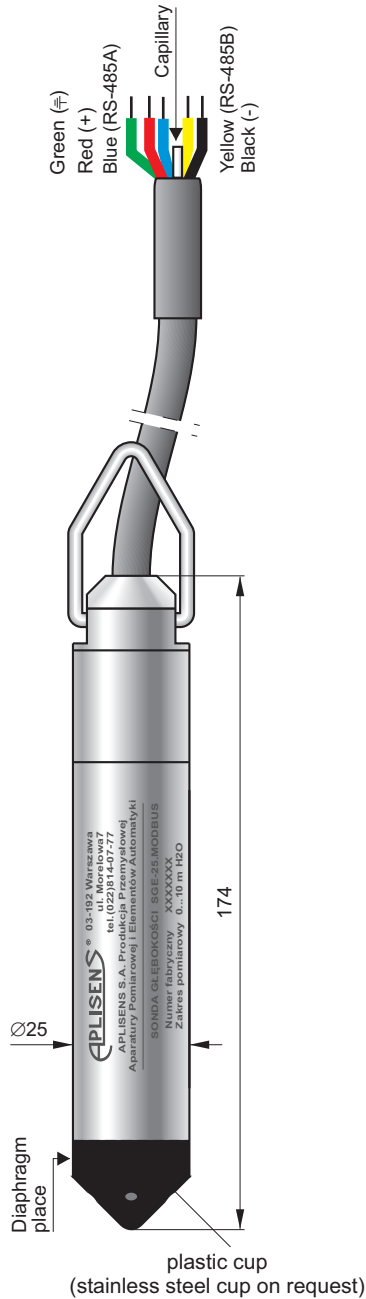


Smart level probe SGE-25.Modbus



SGE-25.Modbus

Communication

Level probes with communication protocol RS485/Modbus RTU. The communication standard for data interchange with the transmitter is the RS485/Modbus RTU. Communication with the transmitter is carried out with PC using RS converter and Aplisens software.

Technical data*

Metrological parameters

Accuracy	≤ ±0,1%
Long-term stability (for nominal range)	≤ accuracy for 3 years
Thermal error	< ±0,1% (FSO) / 10°C max ±0,4% (FSO) in the whole compensation range
Thermal compensation range.	-25...80°C (other range on request)
Additional electronic damping	0...30 s

Electrical parameters

Power supply	in Modbus mode: 4...28 V DC Exia version: 4...10 V DC in 4...20mA mode (only non Exia version): 5...28 V DC
Transmission range	1200 m
Output	MODBUS RTU + 4...20 mA
Address space	1...247 devices address
Transmission speed	600...115200 bps
Parity transmission	no parity, odd, even
frame transmission	10...11 bit (1, 2 bit-stop)

*more information about technical data available in user's manual

Special version

- ◇ Teflon – teflon cable shielding

Ordering procedure

SGE-25.Modbus / ___ / ___ / ___ / L = ... m

Spec. Version: Exia

Set range

Cable type:

PU, ETFE, ETFE-R, PU+PTFE, ETFE + PTFE

Cable length

(standard: 5m, 10m, 12m, 15m, 20m, 25m
other lengths on request)

Example: level probe SGE-25.Modbus, PU cable + PTFE shielding, set range 0 ÷ 10 m H₂O, cable length 10 m
SGE-25. Modbus / 0 ÷ 10 m H₂O / PU + PTFE / L = 10 m