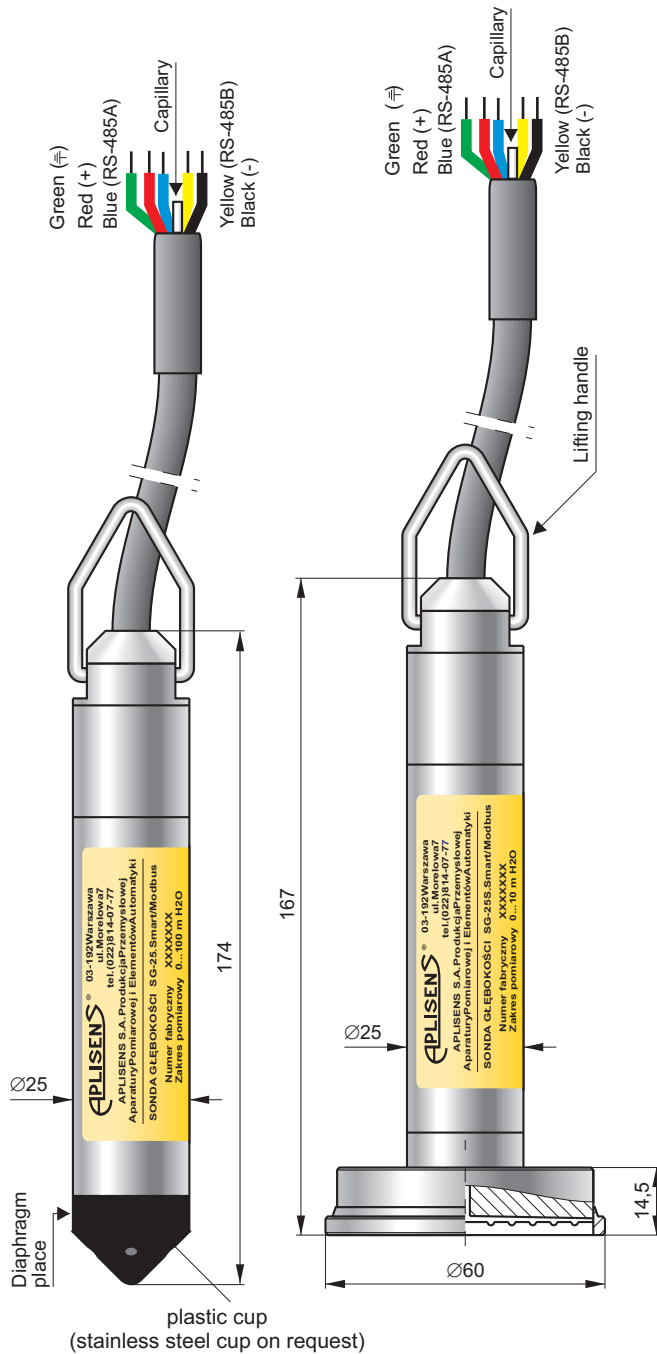


Smart hydrostatic level probe types SGE-25.Smart/Modbus and SGE-25S.Smart/Modbus



SGE-25.Smart/Modbus SGE-25S.Smart/Modbus

Communication

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

Technical data*

Metrological parameters

Accuracy	$\leq \pm 0,1\%$
Long-term stability (for nominal range)	$\leq$ accuracy for 3 years
Thermal error	$< \pm 0,1\%$ (FSO) / 10°C max $\pm 0,4\%$ (FSO) in the whole compensation range
Thermal compensation range.	$-25...80^\circ\text{C}$ (other range on request)
Additional electronic damping	0...30 s

Electrical parameters

Power supply	4,5...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
- ◇ **Hastelloy** – Hastelloy C-276 diaphragm in SGE-25S.Smart/Modbus

Ordering procedure

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

SGE-25S.Smart/Modbus / / / L = ... m

Spec. Version.: Teflon, Hastelloy

Set range

Cable length

Example: level probe SGE-25.Smart/Modbus, teflon cable shielding, set range 0 ÷ 10 m H₂O, cable length 10 m
SGE-25.Smart / Modbus / Teflon / 0 ÷ 10 m H₂O / L = 10 m