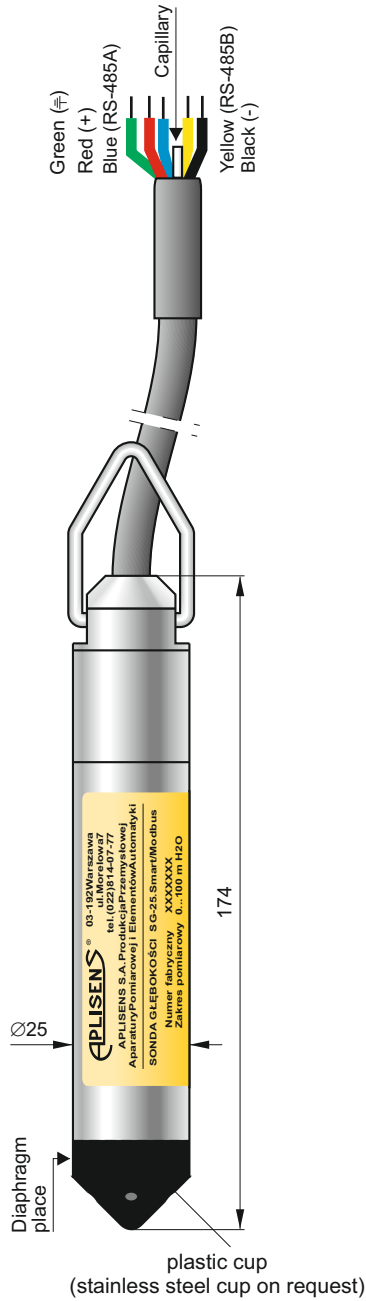


# Smart level probe SGE-25.Modbus



**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

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

### Electrical parameters

<b>Power supply</b>	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
<b>Transmission range</b>	1200 m
<b>Output</b>	MODBUS RTU + 4...20 mA
<b>Address space</b>	1...247 devices address
<b>Transmission speed</b>	600...115200 bps
<b>Parity transmission</b>	no parity, odd, even
<b>frame transmission</b>	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 H<sub>2</sub>O, cable length 10 m  
**SGE-25. Modbus / 0 ÷ 10 m H<sub>2</sub>O / PU + PTFE / L = 10 m**