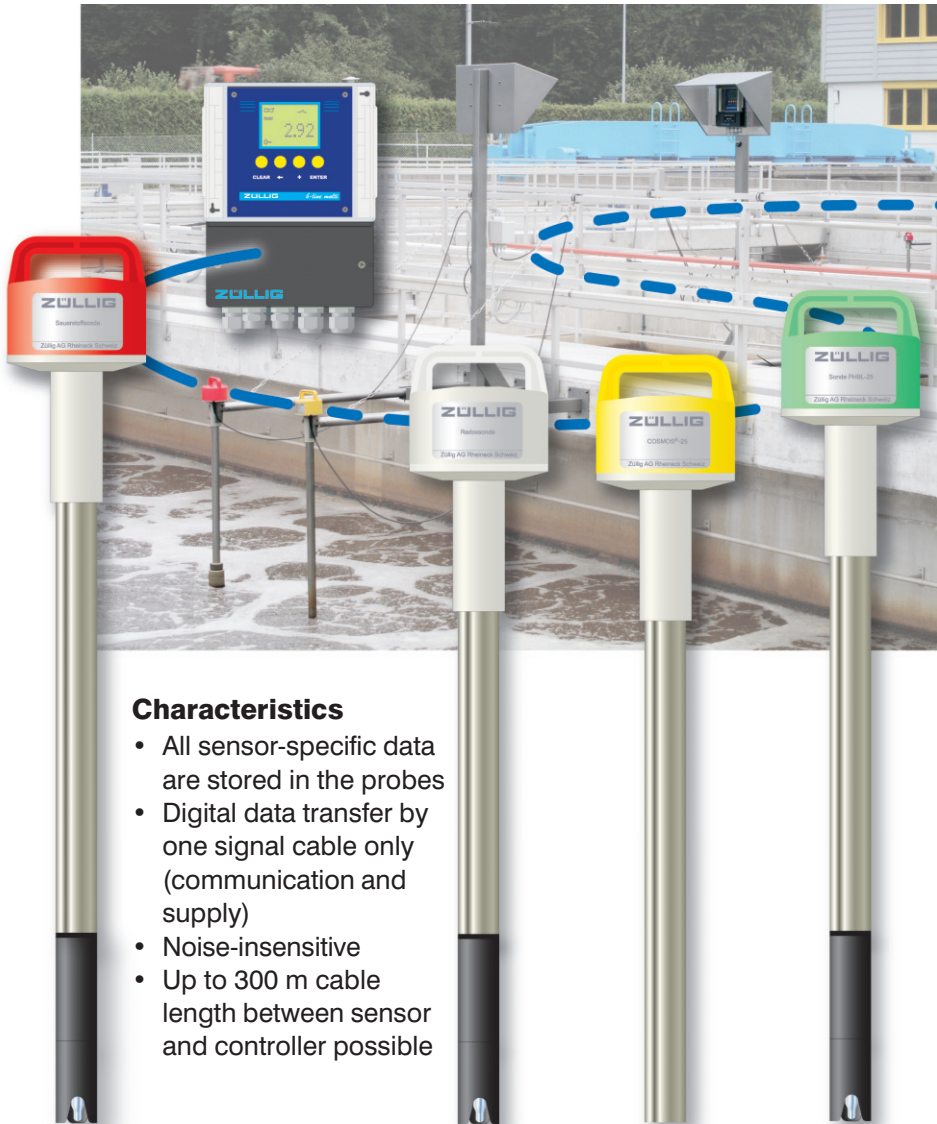


Züllig Smart-Probes (for one transmitter only)



Characteristics

- All sensor-specific data are stored in the probes
- Digital data transfer by one signal cable only (communication and supply)
- Noise-insensitive
- Up to 300 m cable length between sensor and controller possible

Lowering of active costs

- Low installation costs; Probe wire can be looped (serial transfer)
- One transmitter operates with any two Smart-Probes
- Simplified commissioning by the use of a Smart-Probe (integrated micro-processor)
- Usage of cost-efficient standard cable
- User-defined formation of the individual probes
- Minimum of complexity by replacement or enlargement

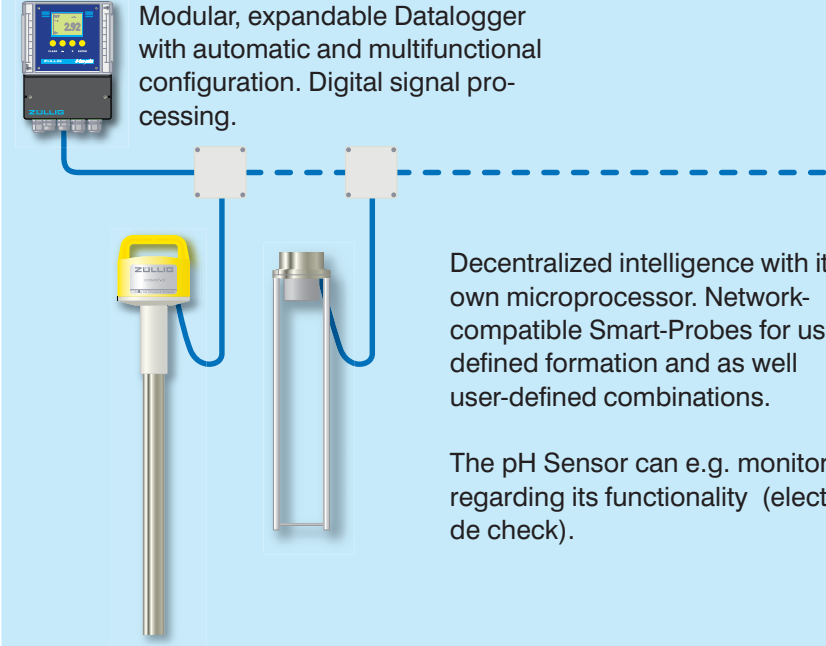
Advantage with Smart-Probes

- Automatically log on to the transmitter
- Automatically set up to the connected probe
- Sensor- and measuring specific parameter are stored in the probe
- Various Installation types for practically all kinds of applications
- Top Quality Swiss Material and Workmanship

Continuous on-line measurement with Züllig Smart-Probes for following measuring parameters: pH, Temperature, ORP, Dissolved Oxygen, Turbidity, Suspended solids. Can be also combined with Züllig Flow, level and volume probes.

Smart System

Intelligent Technology



Modular, expandable Datalogger with automatic and multifunctional configuration. Digital signal processing.

Decentralized intelligence with its own microprocessor. Network-compatible Smart-Probes for user-defined formation and as well user-defined combinations.

The pH Sensor can e.g. monitored regarding its functionality (electrode check).

Accessories

Conventional installation accessories such as brackets, clamping device, locking ring assembly, continuous flow armatures etc. are compatible with the Smart-Probes.

Smart-Probe types

Parameter	Züllig Probe
Dried solid matter	COSMOS®-25
Turbidity	COSMOS®-25
Dissolved Oxygen	S-14 ¹⁾ /OH-S-25
pH	PH1-S-25/PH2-S-25
Flow	Ultrasonic HT-68
Level	Ultrasonic HT-68/LT-68
Conductivity	LF-25 ¹⁾
ORP-potential	RX-S-25
¹⁾ with adapter at transmitter	

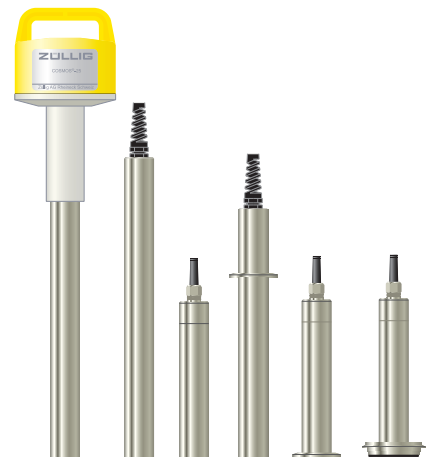
Installation types

Depending on measuring parameter the probes are available in different installation types.

Example for turbidity- / Dried solids probe:

- Shaft probe with hood
- In-line probe Type E
- Probe for mobile measurements
- Type ETC for Tri-Clamp®
- Type XL for Tri-Clamp®
- Type VARI for Varivent®

Further installation versions with flange, float etc. are possible. Do not hesitate to ask for your individual application.



Large selection of installation types offers a cost-efficient integration in to your application.

Subject to technical changes

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Instrumentation for water and waste water control

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