

DESCRIPTION

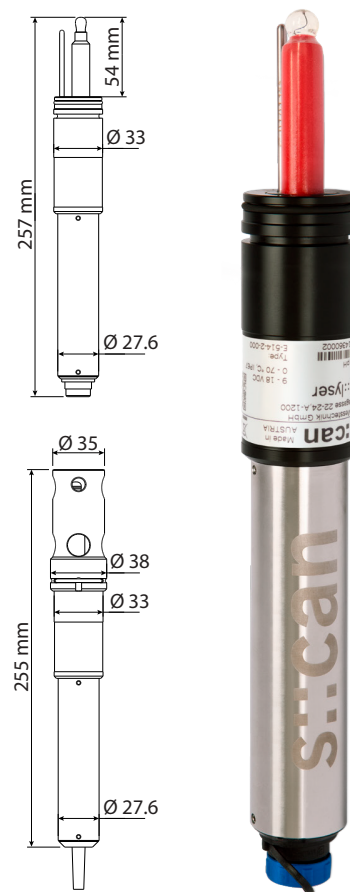
- pH::lyser eco monitors pH and temperature
- pH::lyser pro: high temperature range

FEATURES

- s::can plug and measure
- Measuring principle: Unique, non-porous / non-leaking combined reference electrode for technically unrivaled and consistent pH performance
- Multiparameter sensor
- Ideal for surface water, ground water, drinking water and wastewater
- Long-term, stable and maintenance-free operation
- Factory precalibrated
- Mounting and measurement directly in the media (in situ) or in a flow cell
- Operation via s::can terminals and s::can software
- Optional automatic cleaning with compressed air
- Plug connection or fixed cable

RECOMMENDED ACCESSORIES

Part Number	Article Name
D-330-xxx	con::cube V3
D-320-xxx	con::lyte
C-1-010-sensor	1 m connection cable for s::can physical and ISE probes
F-12-sensor	Carrier s::can physical probes
F-45-four	Flow cell for 4 s::can physical probes
F-46-four-iscan	i::scan flow cell for up to 3 additional s::can probes
F-45-sensor	Flow cell for s::can sensor
S-11-xx-moni	moni::tool software



TECHNICAL SPECIFICATIONS

Measuring Principle	Potentiometric	Weight (Min.)	400 g
Measuring Principle Detail	Combined, non-porous reference electrode	Dimensions (Ø × L)	33 × 257 mm
Resolution	0.01 pH	Operating Pressure	0–10 bar
Accuracy (Standard Solution)	0.1 pH	Installation/Mounting	Submersed or in a flow cell
Automatic Compensation Instrument	Temperature	Process Connection	Quick connect
Response Time (T90)	0–30 sec.	Flow Velocity	3 m/s (max.) 0.01 m/s (min.)
Integrated Temperature Sensor	0 to 90 °C	Automatic Cleaning	Media: compressed air Permissible pressure: 3–6 bar
Integration Via	con::lyte con::nect	Storage Temperature (Electrode)	–5 to 30 °C
Power Supply	9–18V DC	Storage Temperature (Sensor)	–10 to 60 °C
Power Consumption (Typical)	0.8 W	Conformity – EMC	EN 61326-1
Power Consumption	1 W max.	Conformity – Safety	EN 61010-1
Interface to s::can Terminals	Sys plug (IP67), RS485	Operating Temperature (eco)	0 to 70 °C
Cable Length	7.5 m fixed cable (-075) or plug connection (-000)	Operating Temperature (pro)	0 to 90 °C
Cable Type	PU jacket	Protection Class (-000)	IP67
Housing Material	Stainless steel 1.4404/1.4401, POM-C or Stainless steel 1.4404/1.4401, PVC (E-514-4-075)	Protection Class (-075)	IP68

MEASURING RANGE

		Parameter		
		pH [pH]	Temperature [°C]	Part Number
pH::lyser eco (pH, temp)	min.	2	0	E-514-2-000 / -075
	max.	12	70	
pH::lyser pro (pH, temp)	min.	0	0	E-514-3-000 / -075
	max.	14	90	

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