

DESCRIPTION

redo::lyser monitors ORP and temperature

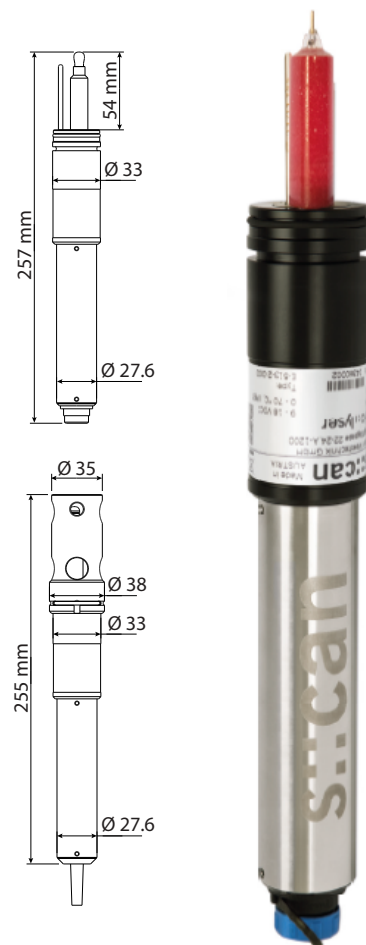
redo::lyser pro for high temperature range

FEATURES

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

RECOMMENDED ACCESSORIES

Part Number	Article Name
C-1-010-sensor	1 m connection cable for s::can physical and ISE probes
D-330-xxx	con::cube V3
D-320-xxx	con::lyte
F-12 sensor	Carrier s::can physical probes
F-45-four	Flow cell for four (4) s::can physical probes
F-46-four-iscan	i::scan flow cell for up to three (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	Dimensions (Ø × l)	33 × 257 mm
Measuring Principle Detail	Combined, non-porous reference electrode	Operating Pressure	0–10 bar
Resolution	1 mV	Installation/Mounting	Submersed or in a flow cell
Accuracy (standard solution)	±10 mV	Process Connection	Quick connect
Response Time (T90)	30–0 sec.	Flow Velocity	0.01 m/s (min.) 3 m/s (max.)
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 (max.)	1 W	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
Housing Material	Stainless steel 1.4404/1.4401, POM-C	Protection Class (-000)	IP67
Weight (min.)	400 g	Protection Class (-075)	IP68

MEASURING RANGE

		Parameter		
		Redox (mV)	Temperature (°C)	Part Number
redo::lyser eco (ORP, Temp)	min.	–2000	0	E-513-2-000 / -075
	max.	2000	70	
redo::lyser pro (ORP, Temp)	min.	–2000	0	E-513-3-000 / -075
	max.	2000	90	