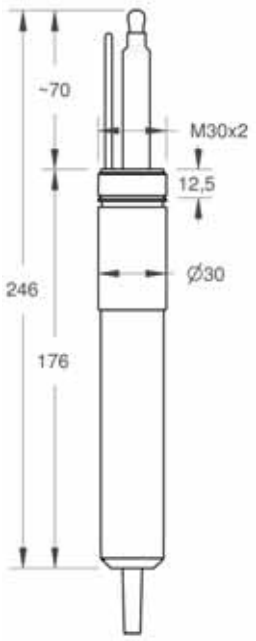
redo::lyser II

- s::can plug & measure
- measuring principle: unique, non-porous / non-leaking combined reference electrode for technically unrivalled and consistend ORP performance
- multiparameter sensor
- ideal for surface water, ground water and drinking water, also waste water
- redo::lyser II monitors ORP and temperature
- redo::lyser pro: high temperature range, advanced diagnostic features
- long term stable and maintenance free in operation
- factory precalibrated
- mounting and measurement directly in the media (InSitu) or in flow cell
- operation via s::can terminals & s::can software



recommended accessories	
part number	**article name**
F-44-three	flow cell for three s::can sensors
F-50-4-eco F-50-4-pro	system panel for s::can sensors
C-210-sensor	10 m extension cable for s::can sensors and s::can ISE probes
F-11-sensor	carrier s::can sensors

technical specification

measuring principle	potentiometric
measuring principle detail	combined, non-porous reference electrode
measuring range application	-2000 mV ... +2000 mV
resolution	1 mV
accuracy	10 mV
automatic compensation instrument	temperature
response time	30 sec.
integrated temperature sensor	0 ... 100 °C
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat
power supply	9 ... 18 VDC
power consumption (typical)	0.8 W
power consumption (max.)	1 W

interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC
cable length	1.5 m
housing material	PVC, stainless steel
weight (min.)	400 g
dimensions (diameter x length)	33 x 253 mm
operating temperature	0 ... 70 °C
storage temperature	0 ... 90 °C
operating pressure	0 ... 10 bar
installation / mounting	submersed or in a flow cell
process connection	M 30x2
flowrate	0.01 m/s (min.) 3 m/s (max.)
protection class	IP 68
conformity - EMC	EN 50011:2007 EN 61326:2006 EN 61000-4
conformity - safety	EN 61010-1, UL508

surface water

		typical concentration ranges for this application		
		Redox [mV]	temperature [°C]	part number
redo::lyser II eco (ORP, temp)	min.	-2000	0	E-513-2
	max.	2000	70	
redo::lyser II pro (ORP, temp)	min.	-2000	0	E-513-3
	max.	2000	90	

drinking water

		typical concentration ranges for this application		
		Redox [mV]	temperature [°C]	part number
redo::lyser II eco (ORP, temp)	min.	-2000	0	E-513-2
	max.	2000	70	
redo::lyser II pro (ORP, temp)	min.	-2000	0	E-513-3
	max.	2000	90	