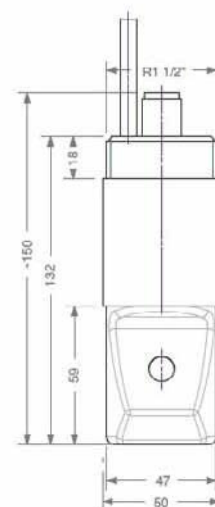


oxi::lyser™ II

- s::can plug & measure
- measuring principle: optical / fluorescence
- multiparameter sensor
- ideal for surface water, ground water and drinking water, also waste water
- oxi::lyser™ II monitors dissolved oxygen & temperature
- long term stable and maintenance free in operation
- factory precalibrated
- automatic cleaning with compressed air
- mounting and measurement directly in the media (InSitu) or in Bypass
- no flow necessary
- operation via s::can terminals & s::can software
- minimal maintenance (no waste parts)



recommended accessories

part number	article name
F-44-sensor	Bypass fitting for s::can sensors
F-50-4	system-panel for s::can sensors
C-210-sensor	10 m extension cable for s::can™ oxi::lyser™ and ammo::lyser™
F-11-sensor	carrier s::can sensors

technical specification

measuring principle	fluorescence	dimensions (diameter x length)	51 mm x 160 mm
measuring range application	0 ... 25 mg/l O ₂	operating temperature	0 ... 60 °C
resolution	0,01 mg/l O ₂	storage temperature	0 ... 60 °C
accuracy	1% of reading	operating pressure	0 ... 6.8 bar
reference standard	saturated natrium sulfite solution	installation / mounting	submersed or Bypass (flow cell)
integrated temperature sensor	0 ... 50 °C	process connection	R 1 1/2"
resolution temperature sensor	0.2 °C	pH range	2 ... 10
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stal	protection class	IP 68
power supply	6 ... 16 VDC	automatic cleaning	media: compressed air permissible pressure: 2 ... 4.5 bar air volume: 5 ... 10 liter per cleaning cleaning duration: 4 ... 12 seconds per cleaning cleaning interval: depending on application
power consumption (max.)	0.32 W	conformity - EMC	EN 50081-2, EN55011
interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC	conformity - safety	EN 61000-4, EN61010-1
cable length	10 m	extended spare part warranty (optional)	3 years
housing material	CPVC, stainless steel, epoxy		
weight (min.)	540 g		

surface water

		typical concentration ranges for this application		
		O ₂ [mg/l]	temperature [°C]	part number
oxi::lyser II (O ₂ , temp)	min.	0	0	E-501
	max.	25	50	

drinking water

		typical concentration ranges for this application		
		O ₂ [mg/l]	temperature [°C]	part number
oxi::lyser II (O ₂ , temp)	min.	0	0	E-501
	max.	25	50	