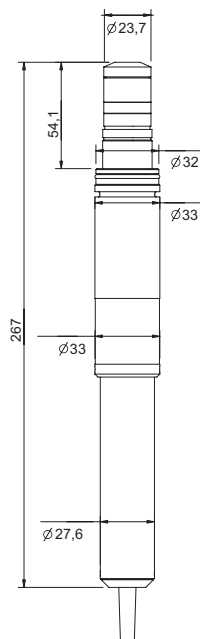


chlori::lyser

chlori::lyser™ monitors free chlorine (Cl₂ + HOCl + OCl⁻)
or total chlorine (free chlorine + combined chlorine)

- s::can plug & measure
- measuring principle: amperometric (membrane covered)
- ideal for drinking water
- long term stable and lowest maintenance in operation
- replacement of membrane only once a year
- readings stable even at high fluctuations of pH, temperature and flow
- compensates fluctuations of pH in an unmatched way
pH range from 4 to 10 FCI; pH range from 4 to 12 TCI
(<5% per pH between 6 and 10/12 pH, <1% at <6 pH)
- low cross sensitivity to many surfactants
- cross sensitivities to chlorine dioxide, ozone can be compensated by using readings from spectro::lyser™
- factory precalibrated
- mounting and measurement in a flow cell
- operation via s::can terminals & s::can software
- plug connection or fixed cable



recommended accessories

part number	article name
C-1-05-sensor	0.5 m connection cable for s::can physical probes
D-315-xxx	con::cube
D-319-xxx	con::lyte
F-12-sensor	carrier s::can physical probes
F-45-four	flow cell for four 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



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technical specification			
measuring principle	amperometric	interface connection to s::can terminals	sys plug, IP68, RS485, 12 VDC
measuring principle detail	potentiostatic 3-electrode system	cable length	7.5 m fixed cable (-075) or plug connection (-000)
measuring range application	E-507-1: 0 ... 2 mg/L FCI E-507-2: 0 ... 10 mg/L FCI E-507-3: 0 ... 2 mg/L TCI E-507-4: 0 ... 10 mg/L TCI	housing material	PVC, stainless steel
resolution	0.001 mg/l (for 10mg/l ... 0.01 mg/l)	weight (min.)	300 g
automatic compensation instrument	temperature	dimensions (diameter x length)	33 x 267 mm
automatic compensation cross sensitivities	pH, flow	operating temperature	0 ... 45 °C
response time	2 min.	storage temperature	0 ... 45 °C
integration via	con::cube con::lyte 1 con::lyte 2 con::lyte 4 con::nect	operating pressure	0 ... 1 bar
power supply	9 ... 18 VDC	installation / mounting	flow cell
		process connection	quick connect
		flow velocity	0.015 m/s (min.) 0.06 m/s (max.)
		pH range	4 ... 10
		protection class (-000)	IP67
		protection class (-075)	IP68

drinking water				
		typical concentration ranges for this application		
		free chlorine [mg/l]	total chlorine [mg/l]	part number
chlori::lyser (FCI)	min.	0		E-507-1-000 / -075
	max.	2		
chlori::lyser (FCI)	min.	0		E-507-2-000 / -075
	max.	10		
chlori::lyser (TCI)	min.		0	E-507-3-000 / -075
	max.		2	
chlori::lyser (TCI)	min.		0	E-507-4-000 / -075
	max.		10	