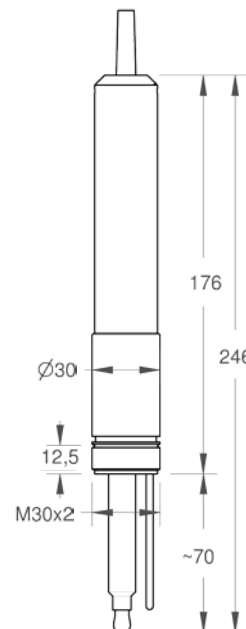


pH::lyser II

- s::can plug & measure
- measuring principle: unique, non-porous / non-leaking combined reference electrode for technically unrivalled and consistent pH performance
- multiparameter sensor
- ideal for surface water, ground water, drinking water and waste water
- pH::lyser monitors pH & temperature
- pH::lyser pro: high temperature range
- pH::lyser pro: high pH range
- long term stable and maintenance free in operation
- factory precalibrated
- mounting and measurement directly in the media (InSitu) or in a flow cell
- operation via s::can terminals & s::can software
- optional: automatic cleaning with compressed air

recommended accessories

part number	article name
F-44-three	flow cell for three s::can sensors
F-50-4-eco	system panel for s::can sensors
F-50-4-pro	
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	cable type	PU jacket 2x2x0.25
measuring principle detail	combined, non-porous reference electrode	housing material	stainless steel 1.4571, POM-C, glas electrodes
measuring range application	pro: 0 ... 14 pH eco: 2 .. 12 pH	weight (min.)	400 g
resolution	0.01 pH	dimensions (diameter x length)	33 x 253 mm
accuracy	0,1 pH	operating temperature	0 ... 70 °C
automatic compensation instrument	temperature	storage temperature	0 ... 90 °C
response time	30 sec.	operating pressure	0 ... 10 bar
integrated temperature sensor	0 ... 100 °C	installation / mounting	submersed or in a flow cell
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat	process connection	M 30x2
power supply	9 ... 18 VDC	flowrate	m/s (max.) m/s (min.)
power consumption (typical)	0.8 W	protection class	IP 68
power consumption (max.)	1 W	automatic cleaning	media: compressed air permissible pressure: 3 ... 6 bar cleaning interval: depending on application
interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC	conformity - EMC	EN 50011:2007 EN 61326:2006 EN 61000-4
cable length	10 m	conformity - safety	EN 61010-1:2001

municipal WWTP influent

		typical concentration ranges for this application		
		pH [pH]	temperature [°C]	part number
pH::lyser II pro (pH, temp)	min.	0	0	E-514-3
	max.	14	90	
pH::lyser II eco (pH, temp)	min.	2	0	E-514-2
	max.	12	70	

municipal WWTP aeration

		typical concentration ranges for this application		
		pH [pH]	temperature [°C]	part number
pH::lyser II pro (pH, temp)	min.	0	0	E-514-3
	max.	14	90	
pH::lyser II eco (pH, temp)	min.	2	0	E-514-2
	max.	12	70	

municipal WWTP effluent

		typical concentration ranges for this application		
		pH [pH]	temperature [°C]	part number
pH::lyser II pro (pH, temp)	min.	0	0	E-514-3
	max.	14	90	
pH::lyser II eco (pH, temp)	min.	2	0	E-514-2
	max.	12	70	