

condu::lyser III

- s::can plug & measure
- measuring principle condu::lyser: 4 electrode contacting measurement
- multiparameter sensor
- ideal for surface water, ground water and drinking water, also waste water
- condu::lyser monitors conductivity, temperature and salinity
- long term stable and maintenance free in operation
- high temperature, pressure and measuring range
- steam sterilizable, autoclavable and compatible with Cleaning In Place (CIP)
- factory precalibrated
- mounting and measurement directly in the media (InSitu) or in a flow cell
- operation via s::can terminals & s::can software
- 2 versions available:
sensor with plug connector for use in stations
sensor with fixed cable for submersion
- 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 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	4 electrode contacting	cable length	9 m
measuring range application	0 ... 500.000 μ S/cm 2 ... 42 PSU	housing material	Stainless steel 316L/DIN 1.4435, FDA-approved PEEK, FDA-approved EPDM, POM-C
accuracy	0.1% of reading	weight (min.)	230 g
automatic compensation instrument	temperature	dimensions (diameter x length)	33 x 253 mm
integrated temperature sensor	-20 ... 130 $^{\circ}$ C	operating temperature	0 ... 90 $^{\circ}$ C
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat	storage temperature	5 ... 35 $^{\circ}$ C
power supply	7 ... 30 VDC	operating pressure	0 ... 20 bar
power consumption (typical)	0.06 W	installation / mounting	submersed or in a flow cell
power consumption (max.)	0.15 W	process connection	quick connect
interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC	flowrate	independent
		protection class	E-511-2-075: IP 68 E-511-2-000: IP 67
		conformity - EMC	EN 61326:1998
		conformity - safety	EN 61010-1, UL508

Wastewater

		typical concentration ranges for this application		
		conductivity [mS/cm]	temperature [$^{\circ}$ C]	part number
condu::lyse	min.	5	0	E-511-2-000 or E-511-2-075
	max.	500	90	

taking the guesswork out of water and wastewater