

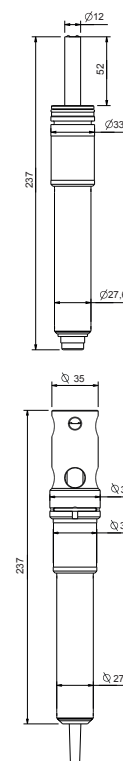
condu::lyser

condu::lyser monitors conductivity, temperature & salinity*

- s::can plug & measure
- measuring principle condu::lyser: 4-electrode, direct-contact measurement
- multiparameter sensor
- ideal for surface water, ground water, drinking water and waste water
- 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
- plug connection or fixed cable
- parameter conductivity or salinity

recommended accessories

part number	article name
D-330-xxx	con::cube V3
D-320-xxx	con::lyte
F-12-sensor	carrier s::can physical probes
F-48-sensor	s::can Sensor flow-cell (by-pass setup), PVC
S-11-xx-moni	moni::tool Software



technical specification

measuring principle	4-electrode, direct-contact	weight (min.)	240 g
resolution	1 µS/cm or 0.01 mS/cm or 0.1 PSU	dimensions (Ø x l)	33 x 237 mm
accuracy (standard solution)	0.1% of reading	operating temperature	0 ... 70 °C
automatic compensation instrument	temperature	operating pressure	0 ... 20 bar
integrated temperature sensor	-20 ... 90 °C	installation / mounting	submersed or in a flow cell
integration via	con::lyte con::nect	process connection	quick connect
power supply	7 ... 30 VDC	flow velocity	0.01 m/s (min.) 3 m/s (max.)
power consumption (typical)	0.06 W	automatic cleaning	media: compressed air permissible pressure: 2 ... 6 bar
power consumption (max.)	0.15 W	storage temperature	0 ... 60 °C
interface to s::can terminals	sys plug (IP67), RS485	conformity - EMC	EN 61326-1
cable length	7.5 m fixed cable (-075) or plug connection (-000)	protection class (-000)	IP67
housing material	Stainless steel 1.4435, FDA-approved PEEK, POM-C	protection class (-075)	IP68

measuring range

		parameter			part number
		conductivity [µS/cm]	temperature [°C]	salinity* [PSU]	
condu::lyser	min.	0	0	2	E-511-2-000 / -075
	max.	500000	70	42	

* Salinity measurement ist only possible in combination with con::cube terminal