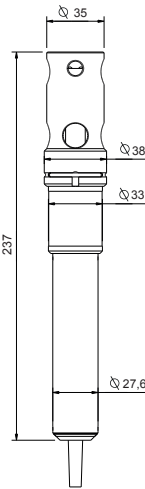
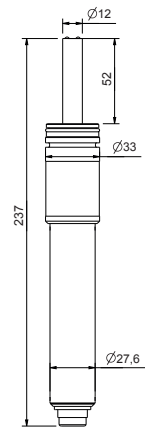


condu::lyser

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 and drinking water, also 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

recommended accessories	
part number	article name
D-315-xxx	con::cube
D-319-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
measuring range application	0 ... 500,000 µS/cm 2 ... 42 PSU
accuracy (standard solution)	1% of reading
automatic compensation instrument	temperature
integrated temperature sensor	-20 ... 130 °C
integration via	con::cube con::lyte con::nect
power supply	7 ... 30 VDC
power consumption (typical)	0.06 W
power consumption (max.)	0.15 W
interface to s::can terminals	sys plug (IP67), RS485
cable length	7.5 m fixed cable (-075) or plug connection (-000)
housing material	Stainless steel 1.4435, FDA-approved PEEK, FDA-approved EPDM, FKE, PMO-C
weight (min.)	240 g
dimensions (Ø x l)	33 x 237 mm
operating temperature (immersed)	-20 ... 60 °C
operating temperature (in flow cell)	-20 ... 110 °C
storage temperature	0 ... 60 °C
operating pressure	0 ... 5,8 bar
installation / mounting	submersed or in a flow cell
process connection	quick connect
flow velocity	3 m/s (max.)
automatic cleaning	media: compressed air permissible pressure: 2 ... 6 bar cleaning interval: depending on application
conformity - EMC	EN 61326-1 EN 300328 V 1.7.1:2006 EN 301489-17 V2.1.1:2009 EN 301489-1 V 1.8.1:2008
conformity - safety	EN 61010-1
protection class (-000)	IP67
protection class (-075)	IP68

municipal WWTP influent		concentration ranges and sensor/probe type for this application			
		conductivity [µS/cm]	temperature [°C]	salinity [PSU]	part number
condu::lyser	min.	0	0	2	E-511-2-000 / -075
	max.	500000	70	42	

municipal WWTP aeration		concentration ranges and sensor/probe type for this application			
		conductivity [µS/cm]	temperature [°C]	salinity [PSU]	part number
condu::lyser	min.	0	0	2	E-511-2-000 / -075
	max.	500000	70	42	

municipal WWTP effluent		concentration ranges and sensor/probe type for this application			
		conductivity [µS/cm]	temperature [°C]	salinity [PSU]	part number
condu::lyser	min.	0	0	2	E-511-2-000 / -075
	max.	500000	70	42	