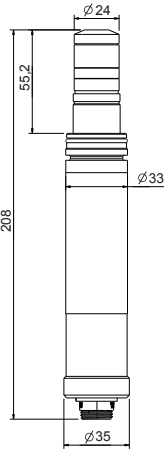
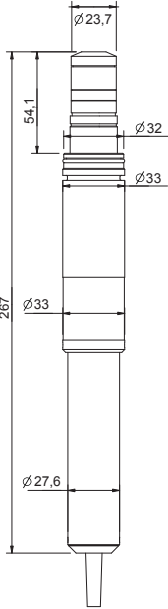


chlori::lyser

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, pool and sea 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
- factory precalibrated
- mounting and measurement in a flow cell
- operation via s::can terminals & s::can software
- additionally also measures temperature

| recommended accessories | |
|-------------------------|---------------------------------------------------------|
| part number | article name |
| D-315-xxx | con::cube |
| S-11-xx-moni | moni::tool Software |
| F-48-sensor | s::can Sensor flow-cell (by-pass setup), PVC |
| F-45-four | flow cell for four s::can physical probes |
| F-12-sensor | carrier s::can physical probes |
| C-1-010-sensor | 1 m connection cable for s::can physical and ISE probes |



technical specification

| | | | |
|--------------------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------------------|
| measuring principle | amperometric | housing material | PVC |
| measuring principle detail | potentiostatic 3-electrode system | weight (min.) | 175 g |
| resolution | E-507-1 and E-507-3: 0.001 mg/l E-507-2 and E-507-4: 0.01 mg/l) | dimensions (Ø x l) | 35 x 213 mm |
| automatic compensation instrument | temperature | operating temperature | 5 ... 45 °C |
| automatic compensation cross sensitivities | pH | storage temperature | 5 ... 45 °C |
| response time | 2 min. | operating pressure | 0 ... 1 bar |
| power supply | 9 ... 18 VDC | installation / mounting | flow cell |
| power consumption (typical) | 0.43 W | process connection | quick connect |
| power consumption (max.) | 0.5 W | flow velocity | 0.015 m/s (min.) 0.06 m/s (max.) |
| interface to s::can terminals | sys plug (IP67), RS485 | pH range | 4 ... 10 |

drinking and pool water

| | | concentration ranges and sensor/probe type for this application | | |
|------------------------|------|-----------------------------------------------------------------|--------------------------|-------------|
| | | free chlorine [mg/l] | total chlorine [mg/l] | part number |
| chlori::lyser (FCI) | min. | 0 | | E-507-1-000 |
| | max. | 2 | | |
| chlori::lyser (FCI) | min. | 0 | | E-507-2-000 |
| | max. | 20 | | |
| chlori::lyser (TCI) | min. | | 0 | E-507-3-000 |
| | max. | | 2 | |
| chlori::lyser (TCI) | min. | | 0 | E-507-4-000 |
| | max. | | 20 | |

Spectrometer
Probes

i::scan

lonselective
Probes

Physical Probes

Terminals

Software

System
ConfigurationMonitoring
StationsSpare Parts &
AccessoriesServices &
Solutions