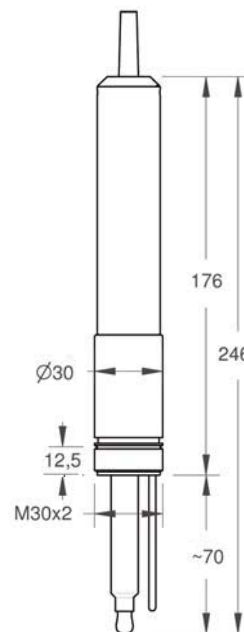


redo::lyser II

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

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 | interface connection to s::can terminals | sys plug, IP 68, RS485, 12 VDC |
| measuring principle detail | combined, non-porous reference electrode | cable length | 1.5 m |
| measuring range application | -2000 mV ... +2000 mV | housing material | PVC, stainless steel |
| resolution | 1 mV | weight (min.) | 400 g |
| accuracy | 10 mV | dimensions (diameter x length) | 33 x 253 mm |
| automatic compensation instrument | temperature | operating temperature | 0 ... 70 °C |
| response time | 30 sec. | storage temperature | 0 ... 90 °C |
| integrated temperature sensor | 0 ... 100 °C | operating pressure | 0 ... 10 bar |
| integration via | con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat | installation / mounting | submersed or in a flow cell |
| power supply | 9 ... 18 VDC | process connection | M 30x2 |
| power consumption (typical) | 0.8 W | flowrate | 0.01 m/s (min.) 3 m/s (max.) |
| power consumption (max.) | 1 W | protection class | IP 68 |
| | | conformity - EMC | EN 50011:2007 EN 61326:2006 EN 61000-4 |
| | | conformity - safety | EN 61010-1, UL508 |

municipal WWTP influent

| | | typical concentration ranges for this application | | |
|--------------------------------|------|---|------------------|-------------|
| | | Redox [mV] | temperature [°C] | part number |
| redo::lyser II eco (ORP, temp) | min. | -2000 | 0 | E-513-2 |
| | max. | 2000 | 70 | |
| redo::lyser II pro (ORP, temp) | min. | -2000 | 0 | E-513-3 |
| | max. | 2000 | 90 | |

municipal WWTP aeration

| | | typical concentration ranges for this application | | |
|--------------------------------|------|---|------------------|-------------|
| | | Redox [mV] | temperature [°C] | part number |
| redo::lyser II eco (ORP, temp) | min. | -2000 | 0 | E-513-2 |
| | max. | 2000 | 70 | |
| redo::lyser II pro (ORP, temp) | min. | -2000 | 0 | E-513-3 |
| | max. | 2000 | 90 | |

municipal WWTP effluent

| | | typical concentration ranges for this application | | |
|--------------------------------|------|---|------------------|-------------|
| | | Redox [mV] | temperature [°C] | part number |
| redo::lyser II eco (ORP, temp) | min. | -2000 | 0 | E-513-2 |
| | max. | 2000 | 70 | |
| redo::lyser II pro (ORP, temp) | min. | -2000 | 0 | E-513-3 |
| | max. | 2000 | 90 | |