

## DOSA*Sens* Flow cell ILS



Flow cell for the **DOSA*Sens* ILS2** amperometric sensor (without membrane). The **DOSA*Sens* flow cell ILS** was developed for direct pipe installation without bypass – and for uninterrupted\* installation in the process chain. Very well suited even in confined spaces, where a bypass may not be possible.

### Product description:

- Flow cell for *uninterrupted\** installation of an amperometric sensor. (*Uninterruptible\* installation*: The **DOSA*Sens* flow cell ILS** is installed by drilling the pipe, under pressure and while the flow/operation is running).
- Very suitable in confined spaces
- Tapping clamp made of metal with blue epoxy coating (certified for drinking water)
- Adjusting strap made of stainless steel (AISI 304) and insulation made of EPDM
- Stainless steel nuts (AISI 304)
- Pressure sensor (stainless steel)
- Sampling valve (stainless steel)
- Operating temperature range: 0–75 °C (flow cell), 50 °C ILS2 sensors
- High pressure absorption of special sensors possible (up to 8 bar), the fitting itself can take up to 16 bar, this buffer ensures the tightness
- Sample water flow rate: unlimited (ILS sensors must not stand dry)
- Connection: 1 ¼" mit d = 25 mm

### Areas of application:

- Holding electro-chemical sensors. E.g. chlorine, chlorine dioxide
- cramped space
- uninterrupted installation

### Scope of supply:

- **DOSA*Sens* flow cell ILS**, valve for sampling, pressure gauge and pipe clamp made of stainless steel (**ILS2**-Sensor is not included.)

### Ordering data:

Type:	Equipment:	Connection sizes:	Connections:	Item number:
ILS60	Recording for an amperometric sensor.	DN60	1 x 1 ¼" (inner thread)	38288000
ILS80		DN80		38288010
ILS100		DN100		38288020
ILS125		DN125		38288030
ILS150		DN150		38288040
ILS175		DN175		38288050
ILS200		DN200		38288060
ILS225		DN225		38288070
ILS250		DN250		38288080
ILS300		DN300		38288090
ILS300L		DN300		38288100

### Options:

Type:	Equipment	Item number:
ILS2 chlorine sensors	Specially adapted sensors for the ILS flow cell.	see ILS2 sensors
ILS2 chlorine dioxide sensors		