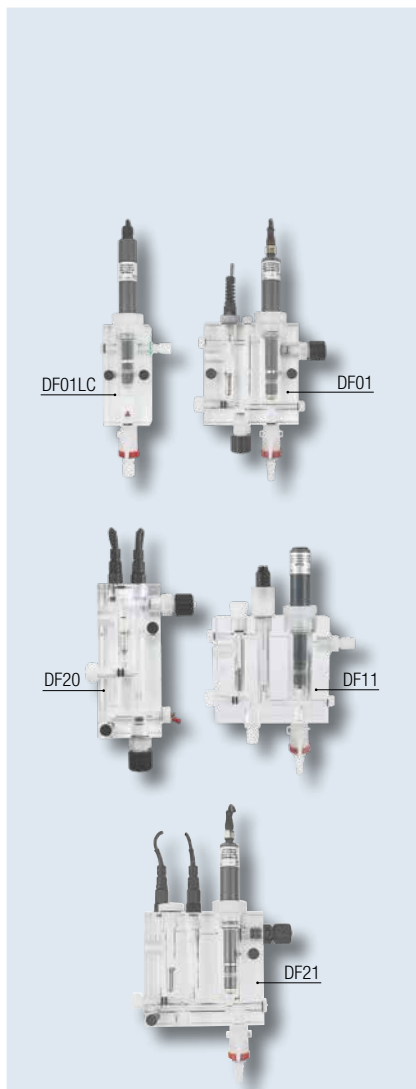


DOSA*Sens* Flow cell DF

Flow cell made of high-grade, transparent acrylic (PMMA) for holding electrochemical sensors.



Product description:

- High-quality device made of transparent acrylic (PMMA)
- Equipped with needle valve to set the flow rate and with float to indicate the current flow
- As an option for flow monitoring: inductive proximity switch
- The fitting is equipped with a sample valve (except for DF 20)
- The flow geometry is perfectly adapted to the sensors
- Operating temperature range: 25 to 75°C
- C (water up to 50 °C, cold water) connection in PP, screw connection in PVC
- H (water up to 80°C, hot water) connection in PVDF, screw connection in PVDF
- 80 °C as an option for hot water (this option allows an operating pressure of 8 bar even at 80 °C, make sure you select a corresponding kit for the hose connection)
- Max. operating pressure: 6 bar
- Sample water flow rate: > 30 l/h
- Connection: 1 ¼" with d = 25 mm, PG 13.5
- (Connection to temperature sensor possible, except DF01LC-C and DF01LC)

Areas of application:

- Holding electro-chemical sensors.
- e.g. pH, redox (ORP), oxygen, temperature

Scope of supply:

- **DOSA*Flow* DF** flow cell
(Electrodes, sensors and temperature sensors are not scope of supply.)

Ordering data:

| Type: | Equipment: | Connections: | Item number: |
|----------|---|--------------------------|--------------|
| DF01LC-C | 1 amperometric measuring cell | 1 x 1 ¼" (female thread) | 3488070 |
| DF01LC-H | 1 amperometric measuring cell | 1 x 1 ¼" (female thread) | 3488080 |
| DF01H | 1 amperometric measuring cell | 1 x 1 ¼" | 3488210 |
| DF20H | 2 electrodes | 2 x PG 13.5 | 3488175 |
| DF11C | 1 amperometric measuring cell, 1 electrode | 1 x PG 13.5, 1 x 1 ¼" | 3488260 |
| DF11H | 1 amperometric measuring cell, 1 electrode | 1 x PG 13.5, 1 x 1 ¼" | 3488275 |
| DF21 | 2 electrodes, 1 amperometric measuring cell | 2 x PG 13.5, 1 x 1 ¼" | 3488155 |

Options:

| Type: | Equipment: | Item number: |
|---|---|--------------|
| Connection kit for cold water up to 50 °C | Hose connection with 2 shut-off ball valves, 2 hose connections ½" and, respectively, | 3488400 |
| Connection kit for hot water up to 80 °C | 2 x 2 m connection hose 6 x 8 mm | 3488405 |
| Inductive proximity switch DFÜ1 | Connection kit PNP type (NO), 2 m fixed cable | 3454000 |
| Inductive proximity switch DFÜ2 | Connection kit NPN type (NO), 2 m fixed cable | 3454010 |
| Inductive proximity switch DFÜ3 | Connection kit PNP type (NC), 2 m fixed cable | 3454050 |
| Inductive proximity switch DFÜ4 | Connection kit NPN type (NC), 2 m fixed cable | 3454060 |