

2.4.1 MWC Flow Cell DF

Flow cell made of high-grade, transparent acrylic (PMMA) for holding electro-chemical electrodes.



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 80 °C
- 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: 8 bar
- Sample water flow rate: > 30 l/h
- Connection: 1 ¼" with d = 25 mm, PG 13.5

Areas of application:

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

Scope of supply:

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



Ordering data:

| Model: | 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 | 3413040 |
| DF11C | 2 electrodes | 1 x PG 13.5, 1 x 1 ¼" | 3488260 |
| DF11H | 2 electrodes | 1 x PG 13.5, 1 x 1 ¼" | 3488275 |
| DF21 | 2 electrodes, 1 amperometric measuring | 2 x PG 13.5, 1 x 1 ¼" | 3413022 |
| DF32 | 3 electrodes, 2 amperometric measuring | 3 x PG13.5, 2 x 1 ¼" | 3413010 |

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
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Options:

| Model: | 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, 2 x 2 m connection hose 6 x 8 mm | 3488400 |
| Connection kit for hot water up to 80 °C | | 3488405 |
| Inductive proximity switch | Connection kit PNP type (NC), 2 m fixed cable | 3454000 |
| Inductive proximity switch | Connection kit NPN type (NO), 2 m fixed cable | 3454010 |

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