

Conductivity measuring electrode BF 1200

- Cell factor $K = 1$
- Fitting PG 13.5
- Body: Plastic PSU, tube $\varnothing 12$ mm
- Graphite measuring elements



APPLICATIONS

BF 1200 conductivity cell is designed for low and high conductivity measurements; On request: Version "CT" with integrated temperature sensor.
In use with our monitor BAMOPHAR, this cell allows accurate measurements on clear solutions from $0.5 \mu\text{S/cm}$ up to 2 mS/cm .

DESCRIPTION

The electrode BF 1200 is available with a fitting PG 13.5; The tube is 120 mm long (diam. 12 mm).
In order to protect the measuring tube and connector integrity, they may be supplied with an electrode holder for measurements in-line or in immersion.

- BF 1200 cell is connected with a coaxial connector type 9054.

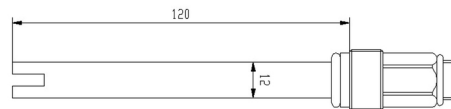
DEDICATED HOLDERS

For BF 1200 electrodes:

These conductivity electrodes are compatible with pH electrode holders. Then, it is recommend to use the same holders as those of the pH series, according applications for in-line or immersion measurements.

TECHNICAL FEATURES

| | |
|---------------------------------------|--|
| Body | PSU (length: 120 mm) |
| O-ring | Neoprene |
| Gasket | Nylon |
| Electrodes | Graphite (sealing: epoxy) |
| Measuring range: | $1 \mu\text{S/cm} \dots 100 \text{ mS/cm}$ (according to signal frequency and voltage) |
| Maxima of temperature & pressure | $-5 \dots +80 \text{ }^\circ\text{C} / 6 \text{ bar}$ |
| Cell factor | $1 \text{ cm}^{-1} \pm 20 \%$ |
| Immersion depth | Min.: 15 mm |
| Fitting | S8 type with PG 13.5 |
| Electrical connection on BF 1200 | Coaxial connector type 9054 |
| Electrical connection with BF 1200 CT | Cable output, with 5 m long cable |



CODE NUMBERS AND REFERENCES

| Code | Reference | Cell factor | Connector |
|---------|------------|----------------------|-------------------|
| 361 200 | BF 1200 | 1 | Coaxial type 9054 |
| 361 210 | BF 1200 CT | $K=1$ & Pt100 sensor | 5 m long cable |

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Conductivity measuring
electrode
BF 1200

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