Technical Information TI 191C/07/en No. 51500045

Electrodes for pH/Redox Measurement OrbiPac W CPF 81/82

pH / redox compact electrodes for installation or immersion in industrial and waste water





Electrode construction



Electrical connection of CPF 81 / 82

No symmetrical measurement possible (as there is no Potential Matching Connector).

PF81-06.CDR

Temperature and pH ranges

When selecting pH electrodes, the temperature of the medium to be measured has to be considered as well as the pH value. The temperature/ pH range table is a guide for selecting the appropriate electrode. Finally select the shaft length, the membrane, the measuring cable length and the integrated temperature sensor according to the order code.

| Application | Version | -20 | 20 | 40 | 60 | 80 | | 120 | | | ĺ | 4 | 0 | |
|-----------------------------------|---------|-----|----|----|----|----|--|-----|---|------|---|---|---|--|
| Waste water Water conditioning | NN | | | | | | | | | | | | | |
| Process water (standard) | NN | | | | | | | | F | | | | | |
| Condensate cleaning | NH | | | | | | |] | | | | | | |
| Process water | LN | | | | | | | | | T | | | | |
| (highly alkaline) | LH | | | | | | |] | | T | | | | |

Application of electrodes for various temperature and pH values

Technical data

General data

Mechanical data

Process connection

Materials

Measuring range

Measuring system

Integrated preamplifier

Note:

The pre-amplifier option (variants B, D) will negate the SCS function of the measuring transmitter. This function should then be turned off.





Pressure-temperature diagram

Subject to modifications.

- Measuring transmitter Liquisys M CPM 223/253 Technical Information Order no. 51500277
- Immersion assembly DipFit W CYA 611 Technical Information Order no. 50085985

Product structure







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