



Temperature / Conductivity Logger EBI 12

for process validation in a washer disinfector

RED LINE

EBI 12-TC230

The EBI 12 data logger was developed to check the last rinsing water in the washer disinfector (WD). The measurement takes place during the cleaning program in the WD. An interruption restart of the machine after the water withdrawal is not necessary.

- Measurement during cleaning
- Sterilizable data logger
- Robust design

Technical Data:

| | |
|---------------------------------|---|
| Operating temperature | 0 °C ... +125 °C |
| Measuring range: Temperature | 0 °C ... +125 °C |
| Measuring range: Conductivity | 1 µS/cm ... 2,000 µS/cm |
| Accuracy: Temperature | ± 0.2 °C |
| Accuracy: Conductivity | ± 0.5 µS/cm (1 µS/cm ... 20 µS/cm) ± 1.0 µS/cm (20.1 µS/cm ... 100 µS/cm) ± 3.0 % from the measurement (100.1 µS/cm ... 1,500 µS/cm) ± 5 % from the full scale (rest of the area) |
| Resolution: Temperature | 0.01 °C |
| Resolution: Conductivity | 0.1 µS/cm |
| Data memory: | 2x 50,160 measurements |
| Sensor: Temperature | PT1000, class A |
| Sensor: Conductivity | Conductivity electrode |
| Measurement interval | 1s ... 24 hours |
| Real-time data transmission | No |
| Storage temperature | -20 °C ... +70 °C |
| Measurement modes | <ul style="list-style-type: none"> • endless measurement • Measure upon starttime • Start immediately until end of memory • Start- / Stop measurement |
| Battery | Lithium, 3.6 V, User-replaceable |
| Dimensions | (Ø x H) 48 mm x 130 mm |
| Weight | App. 150 g |
| Housing material | 316 L stainless steel / PEEK |
| Protection class | IP68 |
| Factory Calibration Certificate | 0 °C, +60 °C and +121 °C 5,0 µS/cm, 100,0 µS/cm and 1,413.0 µS/cm |



Standards and Directives:

- ISO 15883
Washer Disinfectors
- 2014/53/EU
Radio Equipment Directive RED
- DIN EN 301 489
Electro Magnetic Compatibility (EMC)

| Type | Description | Part No. |
|--------------|----------------------------|-----------|
| EBI 12-TC230 | Temperature / Conductivity | 1340-6667 |