



Temperature Data Logger EBI 12

for process validation in EO sterilization, in the steam sterilizer, washer disinfector ...

RED LINE

EBI 12-T220-EX

The EBI 12 data logger is distinguished by its low height, its fast response time and flexibility.

- High temperature accuracy of up to 0.05 °C
- Version with one measuring channel
- Temperature probe 1.50 mm
- Bendable metal probe



Technical Data:

| | |
|--|---|
| Operating Temperature | -90 °C ... +150 °C |
| ATEX approved | Yes |
| Permissible ambient conditions in the hazardous area | -40 °C ... +85 °C 100 Pa ... 400 kPa |
| Measurement range | -200 °C ... +200 °C |
| Accuracy | ± 1.5 °C (-200 °C ... -90 °C) ± 0.5 °C (-90 °C ... -40 °C) ± 0.2 °C (-40 °C ... 0 °C) ± 0.1 °C (0 °C ... +120 °C) ± 0.05 °C (+120 °C ... +140 °C) ± 0.1 °C (+140 °C ... +150 °C) ± 0.5 °C (+150 °C ... +200 °C) |
| Resolution | 0.01 °C |
| Data memory | 100,320 measurements |
| Sensor | PT1000, class A |
| Measurement interval | 250 ms ... 24 hours |
| Real-time data transmission | Yes |
| 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 24 mm |
| Weight | app. 90 g |
| Housing material | 316 L stainless steel / PEEK |
| Protection class | IP68 |
| Factory Calibration Certificate | -20 °C, 0 °C, +60 °C and +134 °C |

Standards and Directives:

- 2014/34/EU
ATEX Directive
- EN 285
Sterilization, steam sterilizers,
medical equipment
- EN 13060
small steam sterilizers
- ISO 17665
Sterilization of health care
products — Moist heat
- ISO 15883
Washer Disinfectors

ATEX-Type

 II1G Ex ia IIC T4 Ga

| Type | Description | Part-No. |
|-------------|------------------------|--------------|
| EBI 12-T220 | L = 250 mm, Ex-Version | 1340-6604-EX |

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