

# Mini-Temperature-/ Pressure Logger EBI 11

for food safety und pasteurization control

## RED LINE

The miniature pressure datalogger of the EBI 11 series with a M5 thread-connection is excellently suited for temperature and pressure measurements inside of a bottle.

- Compact stainless steel housing material
- Simple attachment
- High accuracy of up to  $\pm 15$  mbar
- Temperature compensated pressure measurements over complete area

### Technical Specifications

|                                 |  |
|---------------------------------|--|
| Operating temperature:          | 0 °C ... +150 °C   |
| Measuring range:                |  |
| Temperature:                    | 0 °C ... +150 °C   |
| Pressure:                       | 1 mbar ... 10,000 mbar   |
| Accuracy:                       |  |
| Temperature                     | $\pm 0.1$ °C (0 °C ... +150 °C)  |
| Pressure                        | $\pm 15$ mbar (0 ... 4,000 mbar)<br>$\pm 20$ mbar (4,000 mbar ... 10,000 mbar)   |
| Resolution:                     |  |
| Temperature:                    | 0.01 °C  |
| Pressure:                       | 1 mbar   |
| Storage capacity                | 2x 7,500 Measurements  |
| Sensor                          | Pt 1000, Class A   |
| Measurement interval            | 1 sec ... 24 hours.  |
| Storage temperature             | -20 °C ... +70 °C  |
| Measurement modus               | <ul style="list-style-type: none"><li>• endless measurement</li><li>• Measure upon starttime</li><li>• Start immediately until end of memory</li><li>• Start- / Stop measurement</li></ul> |
| Battery                         | Lithium, 2x BR1225A, 3V<br>User-replaceable  |
| Dimensions                      | ( $\varnothing$ x H) 16.5 mm x 48 mm   |
| Weight                          | app. 45 g  |
| Housing material                | 316 TI stainless steel   |
| Protection class                | IP68   |
| Factory Calibration Certificate | 0 °C, +60 °C and +134 °C<br>100 mbar, 3,100 mbar, 6,000 at +25 °C and<br>3,100 mbar at +134 °C   |

## EBI 11-TP110



### Standards and Directives:

- (EC) 1935/2004  
Materials and articles which come into contact with food
- 2014/30/EU  
electromagnetic compatibility of equipment

| Type         | Description          | Part-No.  |
|--------------|----------------------|-----------|
| EBI 11-TP110 | M5 thread-connection | 1340-6297 |