

## Service Description

for the data loggers of the following product series: EBI 2, EBI 20, EBI 25, EBI 300, EBI 310, EBI 40



SI Analytics®

-ebro®



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## Additional Information

### What does the service include?

#### Initial Inspection:

We carry out an initial inspection to ensure the proper assessment of your device. If no repair, certification or new purchase takes place, we reserve the right to charge you for the incurred costs. We ask for your understanding that this inspection involves considerable effort on our part.

#### ISO Calibration:

Calibration according to internally defined procedures. The reference instruments used are traceably calibrated by accredited calibration laboratories.

Note: Calibration certificates without an accreditation symbol are not covered by the EA MLA (European Accreditation Multilateral Agreement).

#### Accredited calibration:

Calibration according to DIN EN ISO / IEC 17025 (DAkkS).

Note: For data loggers with interchangeable probes from the EBI 300/310 product series, the external sensor is calibrated by default during accredited calibration. Calibration of the internal sensor must be ordered separately.

## Standard-ISO Calibration points

### EBI 2 Product series:

#### Temperature data logger

EBI 2T-112, EBI 2T-211	-20 °C, 0 °C, +60 °C
EBI 2T-31x white probe cable	0 °C, +60 °C, +120 °C
EBI 2T-31x black probe cable	-20 °C, 0 °C, +60 °C
EBI 2T-32x without probe	-50 °C, 0 °C, +60 °C
EBI 2T-32x with probe	-80 °C, 0 °C, +60 °C
EBI 2T-33x without probe	-50 °C, 0 °C, +60 °C
EBI 2T-33x with probe	-80 °C, 0 °C, +60 °C
EBI 2T-402 without probe	-100 °C, 0 °C, +350 °C
EBI 2T-1202 without probe	-100 °C, 0 °C, +350 °C, +1.000 °C
EBI 2T-402, EBI 2T-1202 with probes	0 °C, +120 °C, 250 °C

#### Temperature-/ Humidity data logger

EBI 2TH-611, EBI 2TH-612	-20 °C, 0 °C, +60 °C 32,8 %rH, 52,9 %rH, 75,4 %rH at +25 °C
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#### Temperature-/ Pressure data logger

EBI 2PT-814	-20 °C, 0 °C, +60 °C 0 bar, 2,5 bar, 5 bar
EBI 2PT-816	-20 °C, 0 °C, +60 °C 0 bar, 5 bar, 10 bar

### EBI 20 Product series:

#### Temperature data logger

EBI 20-T, EBI 20-TE	-20 °C, 0 °C
EBI 20-TF	+20 °C, +60 °C

#### Temperature-/ Humidity data logger

EBI 20-TH	0 °C, +20 °C 32,8 %rH, 75,4 %rH at +25 °C
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### EBI 25 Product series:

#### Temperature data logger

EBI 25-T, EBI 25-TE	-20 °C, 0 °C
EBI 25-TX with probe	-80 °C, 0 °C, +134 °C

#### Temperature-/ Humidity data logger

EBI 25-TH	0 °C, +20 °C 32,8 %rH, 75,4 %rH at +25 °C
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### EBI 40 Product series:

#### Temperature data logger

EBI 40 without probe	-100 °C, 0 °C, +1.000 °C
EBI 40 with surface probe	+50 °C, +100 °C, +200 °C
EBI 40 with penetration probe	0 °C, +60 °C, +120 °C

### EBI 300 Product series:

#### Temperature data logger

EBI 300-T, EBI 300-TE	-20 °C, 0 °C, +60 °C
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#### Temperature-/ Humidity data logger

EBI 300-TH	0 °C, +20 °C 32,8 %rH, 75,4 %rH at +25 °C
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### EBI 310 Product series:

#### Temperature data logger

EBI 310-T	-20 °C, 0 °C, +60 °C
EBI 310-TE complete	Logger: -20 °C, 0 °C, +60 °C Probe: -80 °C, 0 °C, +134 °C
TPX 220 Probe	-80 °C, 0 °C, +134 °C
EBI 310 DI	Logger: -20 °C, 0 °C, +60 °C Probe: -80 °C, -20 °C, 0 °C
TPX 250 Probe	-80 °C, -20 °C, 0 °C
EBI 310 TX without probe	Logger: -20 °C, 0 °C, +60 °C Probe adapter: -200 °C, 0 °C, +400 °C
TPX 310 measuring adapter without probe	-200 °C, 0 °C, +400 °C
EBI 310 TX with TPX 310P1	Logger: -20 °C, 0 °C, +60 °C Probe: -80 °C, 0 °C, +134 °C
EBI 310 TX with TPX 310P2	Logger: -20 °C, 0 °C, +60 °C Probe: 0 °C, +60 °C, +120 °C

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EBI 310 TX with TPX 310P3	Logger: -20 °C, 0 °C, +60 °C Probe: 0 °C, +60 °C, +120 °C
EBI 310 TX with TPX 310P4	Logger: -20 °C, 0 °C, +60 °C Probe: +120 °C, +200 °C, +250 °C
EBI 310 TX with TPX 310P5	Logger: -20 °C, 0 °C, +60 °C Probe: 0 °C, +60 °C, +120 °C
EBI 310 TX with TPX 310P6	Logger: -20 °C, 0 °C, +60 °C Probe: 0 °C, +60 °C, +120 °C
EBI 310 TX with TPX 310P7	Logger: -20 °C, 0 °C, +60 °C Probe: 0 °C, +60 °C, +120 °C

Temperature-/ Humidity data logger

EBI 310-TH	0 °C, +20 °C 32,8 %rH, 75,4 %rH at +25 °C
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