



EBI 12 Humidity-/ Temperature Data Logger

for Monitoring, Process- and Routine control as well as Validation of Processes

RED LINE

EBI 12-TH100

The new EBI 12 data logger series with complete revised housing, new electronics and improved probes

- 316 L stainless steel housing
- 1 temperature channel
- Range from 0 °C to 85 °C
- High temperature accuracy up to 0,1 °C
- Humidity channel 0 to 100% rH
- High humidity accuracy up to 2% rH
- Sensor user replaceable
- Radio mode for real time monitoring
- ATEX certified

Technical specifications

Operating range:		0 °C ... +85 °C
Measurement range:	Temperature	0 °C ... +85 °C
	Humidity	0 % rH... 100 % rH
Accuracy:	Temperature	± 0,1 °C
	Humidity	± 2 % rH, non-condensing at 25 °C
Memory:		2 X 50,000 Values
Sensor:	Temperature	external (Pt 1,000)
	Humidity	(capacitive); combined Sensor replaceable
Storage temperature		-20 °C ... +70 °C
Resolution:	Temperature	0,01 °C
	Humidity	0,1 % rH
Sampling rate:		250 ms ... 24 h
Modi		<ul style="list-style-type: none"> • Endless • Measure upon start time • Measure until end of memory • Start- / Stop
Time accuracy (24h)		< 5 sec
Battery		Lithium battery (3,6 V), user replaceable
Dimensions		(Ø x H) 48 mm x 70 mm
Weight		approx. 110 g
Housing material		316 L stainless steel / PEEK
Protection class		IP 52
Certificate		Factory calibration certificate



ATEX-Type



Type	Description	Part. No
EBI 12-TH100	Temperature/Humidity	1340-6671
EBI 12-TH100-EX	Temperature/Humidity	1340-6671-EX

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