

Calibrationbox-I



Data Sheet

Gas Measuring and Alarm Systems



Application

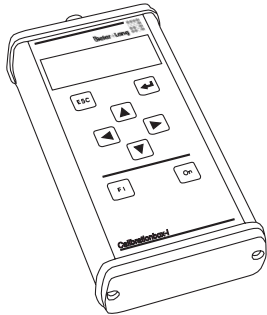
The Calibrationbox-I is used for operation and adjustment of the ExDetector instrument family:

- Display of the actual concentration of potentially explosive gases and vapours measured by the measuring probe.
- Adjustment / calibration of the measuring probe.
- Storage of the adjustment information for processing in DP systems.

Product features

- ATEX-conformity for applications in hazardous areas zone 1 and 2
- alphanumeric display
- keypad for simple operation
- power supply from integral batteries
- monitoring and display of battery capacity

Technical data



	Calibrationbox-i
Einsatzbereiche	Ex-Bereiche Zone 1 und 2
EG-Baumusterprüfung nach Richtlinie 2014/34/EU	II 2 G Ex ib IIC T4 Gb PTB 01 ATEX 2102 BAM 03 ATEX 0003 X
Kalibrierstromkreis	in Zündschutzart Eigensicherheit Ex ib IIC; nur zum Anschluss an ExDetector PTB 00 ATEX 1075, $U_0 = 13.8 \text{ V}$ $I_0 = 336 \text{ mA}$ $P_0 = 432 \text{ mW}$ Kennlinie: linear $C_0 = 170 \text{ nF}$ $L_0 = 0.2 \text{ mH}$
Versorgung	6 VDC; Batterieversorgung (4Stück) Zum Betrieb erlaubte Batterietypen: a) Varta Superlife No. 2006, Bauform AA, 1.5V b) Camelion, Super Heavy Duty, Bauform AA, 1.5V c) Varta Industrial No. 3706, Bauform AA, 1.5V d) Varta Longlife No. 3006, Bauform AA, 1.5V
Temperaturbereich	-20°C...+55°C
Feuchtebereich	0...90% rel F.
Schutzart	IP 54
Gewicht	660 g
Maße (H x B x T)	180 x 86 x 36 mm
Gehäusematerial	Aluminium

Accessories

- test gas set
- calibration gases
- carrying pouch
- serial adaptor cable

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Technical modifications possible!