



Measurement technology | METPOINT BDL® portable

Make quality visible – by recording all relevant data

The portable METPOINT® BDL data logger allows for the quick and easy measurement and evaluation of your compressed air quality – at any point in your system. This universal hand-head device with integrated data logger has been specially designed for the recording of key parameters, such as consumption and flow rate, pressure, temperature, residual humidity and pressure dew point. All process data is converted into user-friendly statistics and charts. Up to 100 million measurements together with the time and location of measurement can be stored and called up in the form of characteristics in colours.

The universal sensor inputs are compatible with all conventional industrial transducers. The device comes with a 3.5" touch screen and intuitive user interface. Other great features of the compact METPOINT® BDL portable are its integrated data logger, the colour display of characteristics for analysis and various interpretation functions. All measurements can be transferred with an USB memory stick to a PC for further evaluation by means of the METPOINT® READER SW201 evaluation software. You can monitor the performance of your system in real time and take action when needed. With the METPOINT® BDL portable, you have the data you need at your fingertips.



› Portable data logging

- › 3.5" colour touch screen display with intuitive menus in multiple languages
- › Universal sensor inputs
- › Integrated data logger
- › Visualisation in the form of charts, tables, etc.
- › USB interface for data transfer to USB memory stick
- › Logger function as standard
- › Efficient process and cost saving

› Sturdy and portable

- › Strong, water-tight transport case
- › Various compartments
- › User-friendly operation
- › Minimum setup time
- › Long battery time

Technical data METPOINT® BDL portable hand-held measuring device	
Colour display	3.5" touch screen, TFT transmission, for charts, curves and statistics
Interfaces	USB interface, RS485, Ethernet option
Power supply for sensors	Output voltage: 24 VDC ± 10% Output current: 120 mA in continuous mode
Power supply:	Built-in rechargeable Li-ion battery, charging time approx. 4 h METPOINT® BDL portable continuous mode > 4 h depending on power consumption by external sensors
Power supply	100 ... 240 VAC/50 ... 60 Hz, 12 VDC – 1A Protection class 2; for use in dry rooms only
Dimensions (mm)	82 x 96 x 245
Housing	PC / ABS
Weight	450g
Operating temperature	-20 ... +70 °C measuring gas temperature 0 ... +50 °C ambient temperature
Storage temperature	-20 ... +70 °C
Optional	Data logger, 2 GB memory card as standard, upgradable with 4 GB memory card
EMC	DIN EN 61326

Scope of delivery:

- › BDL portable data logger
- › DPM SD23 dew point transmitter with dry protection sleeve
- › MK-Basic-PN16 measuring chamber with quick-release coupling
- › Power supply
- › LiCl 11.3% rH control and compensation kit
- › 5 m connecting cable with quick-release coupling for SD23
- › Sturdy transport case



For METPOINT® BDL portable	BDL portable hand-held	SDI cable	SD 23 cable	cable without adapters	Transport case (empty)	LiCl 11.3% rH calibration kit
Order no.	4028336	4028337	4035963	4028338	4028620	4028263

Do you have questions about the best way of processing your compressed air?

We have the answers! We offer efficient solutions for any type of processing chain. Please contact us with all your queries. We would be delighted to tell you more about our condensate

treatment, filtration, drying, measuring and process technology, and our comprehensive services.

Visit us at



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