

IZAR OH BT 3

RADIO | OPTO HEAD

DIEHL
Metering



APPLICATION

The IZAR OH BT 3 is a practicable tool for configuring and reading Diehl Metering meters and system components via an optical interface (IrDa or ZVEI).

The integrated magnet and the shape of the optical head allow easy attachment and hands-free use for Diehl Metering products. The opto head then transmits the data to IZAR@MOBILE 2 (v2.12.8 or above necessary) over Bluetooth® Low Energy (BLE).

With an operating time of up to 16 hours and the supplied wrist strap, the IZAR OH BT 3 is designed for mobile operation. The battery and transmission status is displayed via LEDs. The IZAR OH BT 3 can be recharged within 6 hours via USB-C.

The opto head complies with protection class IP54. A protective cover for the IZAR OH BT 3 can be purchased as an option.

FEATURES

- ▶ Combined IrDa and ZVEI interface
- ▶ Up to 16 hours continuous duty
- ▶ Typical charging time: 6 hours for full charge
- ▶ Status LEDs for: battery state, BLE link and data transmission
- ▶ Detachable hand strap

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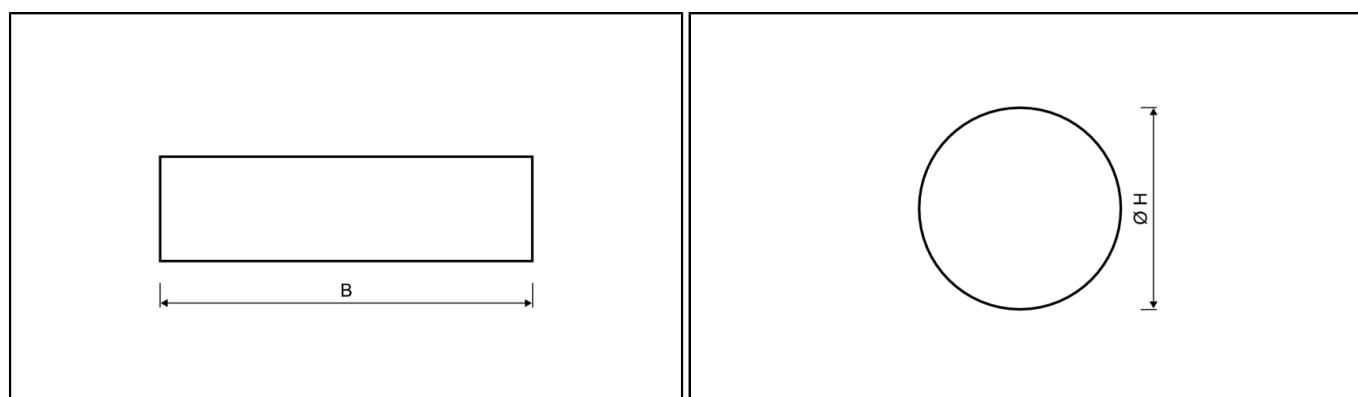
TECHNICAL DATA

IZAR OH BT 3	
Power supply	Lithium-Ion rechargeable battery 3.7 V / 900 mAh; input USB 5 V / 200 mA
BLE specification	5.4 (backwards compatible with BLE 4.2 or above)
BLE range	Up to 10 m
Transmission frequency	2.4 GHz (2402 to 2480 MHz)
Transmission power	Max. -0.3 dBm
Data transmission rate	1 Mbit/s
Optical modes	ZVEI, IrDa
Weight	g 75
User interface	Status LEDs and power button

AMBIENT CONDITIONS

IZAR OH BT 3	
Operating temperature	°C -10 ... +55
Protection class	IP54
Storage temperature	°C -20 ... +60
Max. operation level above sea level	m 2000
Relative humidity	% 10 ... 70
Charging temperature	°C 0 ... +38

DIMENSIONS



IZAR OH BT 3			
Length	B	mm	73
Diameter	H	mm	32.5

ACCESSORIES

- Case IZAR OH BT 3 (Article Number 3140557)

Bluetooth® is a registered trademark of Bluetooth SIG, Inc

Economic Actor Information

Applicable regulation and legal obligations for products may change.

DIEHL METERING monitors applicable regulation to ensure their products comply at the date of placing on the market.

Each economic actor making products available on the market thereafter must independently keep informed about the current applicable regulation.

For questions, please contact: metering-germany-info@diehl.com