IZAR PORT PULSE

M-BUS | CONVERTER

DIEHL
Metering

APPLICATION

The IZAR PORT PULSE offers the possibility to connect resource meters with pulse output to an M-Bus network (transformation of pulses to M-Bus protocol). It is suitable for all meter types with pulse transmitter, open collector or current loop (S0) output.

FEATURES

- Two independent pulse counters
- Configuration via M-Bus interface or optical ZVEI interface using HYDRO-PORT software
- Physical unit and medium programmable for each input
- Pulse divisor programmable for each input
- Power supply via M-Bus, battery supply to continue pulse counting if M-Bus fails
- External power suppy input for connecting meters with current loop (S0) output

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PRINCIPLE OF OPERATION

The IZAR PORT PULSE consists of an electronic unit that collects meter information in the form of pulses. These pulse counts are converted into physical units. The data is transmitted via M-Bus protocol to a data concentrator (M-Bus Master IZAR CENTER).

GENERAL

	IZAR PORT PULSE
Housing	Dark-grey rail mount housing with fuse profile made of heat resistant plastic
Cable length	Max. 1.5 m for connecting pulse transmitter / open collector
Interfaces	M-Bus output; input for external power supply; at a time 2 inputs for pulse (voltage-free) and current loop (S0) contacts; optical ZVEI interface
Configuration	Via ZVEI or M-Bus and HYDRO-PORT software (free of charge)

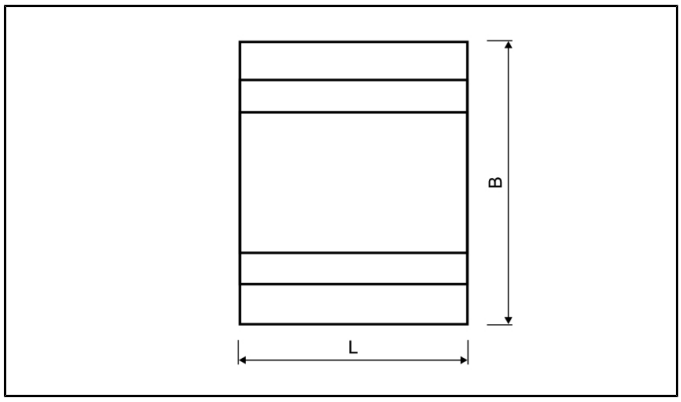
TECHNICAL DATA

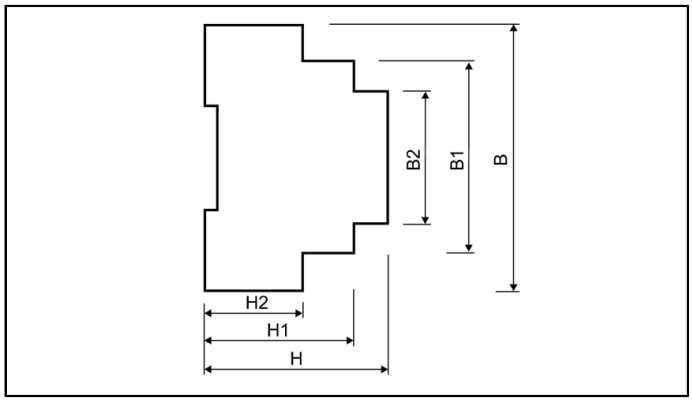
		IZAR PORT PULSE
Power supply		Via M-Bus or Lithium battery 3.6 V
Power supply (S0)	V DC	24
Pulse frequency	Hz	Max. 50
Pulse width	ms	Min. 7.5
Weight	g	150
Protection class		IP 20

AMBIENT CONDITIONS

		IZAR PORT PULSE
Humidity	%	10 ... 70
Temperature range	°C	0 ... 60

DIMENSIONS





			IZAR PORT PULSE
Length	L	mm	71
Width	B	mm	86
Width	B1	mm	49
Width	B2	mm	32
Height	H	mm	60
Height	H1	mm	49
Height	H2	mm	32

Diehl Metering GmbH · Industriestrasse 13 · 91522 Ansbach · Germany
Phone: +49 981 1806-0 · Fax: +49 981 1806-615 · metering-germany-info@diehl.com · www.diehl.com/metering
Subject to technical adjustments

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