

IZAR PORT PULSE

M-BUS CONVERTER

DIEHL
Metering



APPLICATION

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 a 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, Backup battery to ensure pulse counting if M-Bus fails
- ▶ External power supply input for connecting meters with current loop (S0) output

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PRINCIPLE OF OPERATION

IZAR PORT PULSE consists of an electronic unit that collects meter pulses which 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	Light-grey rail mount housing with fuse profile
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)

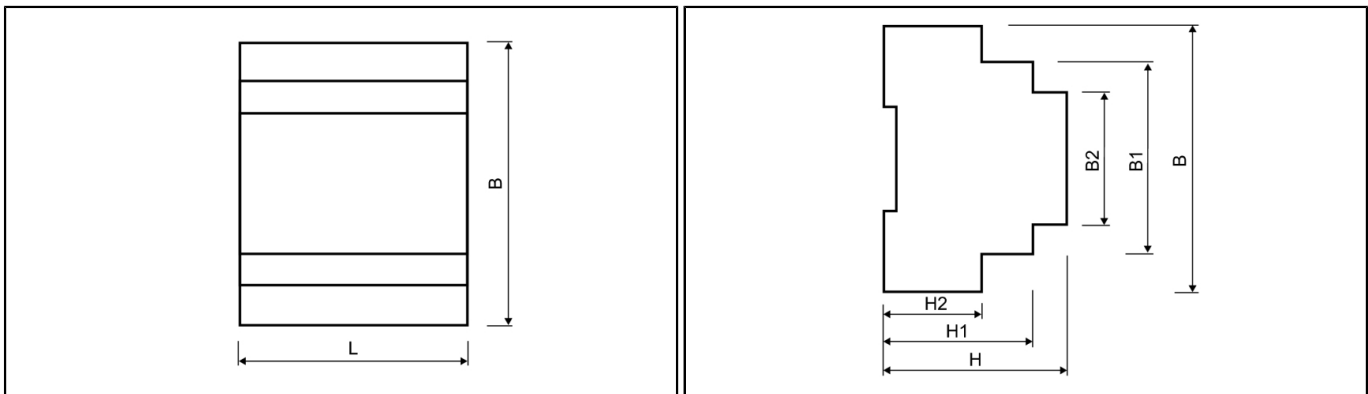
TECHNICAL DATA

IZAR PORT PULSE	
Power supply	Via M-Bus or Lithium battery 3.6 V
Power supply (S0)	V 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 max.	% 70
Temperature range	°C 0 ... 60

DIMENSIONS



IZAR PORT PULSE			
Length	L	mm	71
Width	B	mm	86
Width 1	B1	mm	49
Width 2	B2	mm	32
Height	H	mm	60
Height 1	H1	mm	49
Height 2	H2	mm	32