



EW535M0056

IZAR PORT PULSE

Pulse to M-BUS Converter

APPLICATION

The EW535M0056 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 (SO) output.

SPECIAL FEATURES

- Two independent pulse counters
- Configuration via M-Bus interface or optical ZVEI interface using HYDROPORT 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 supply input for connecting meters with current loop (SO) output

TECHNICAL DATA

Specifications	
Power supply:	Via M-Bus or Lithium battery 3.6 V
Power supply (SO):	24 VDC
Max. pulse frequency:	50 Hz
Min. pulse width:	7.5 ms
Weight:	150 g
Protection class:	IP20
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 (SO) contacts; optical ZVEI interface
Configuration:	Via ZVEI or M-Bus and HYDRO-PORT software (free of charge)



METHOD OF OPERATION

The EW535 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).

TRANSPORTATION AND STORAGE

Keep parts in their original packaging and unpack them shortly before use.

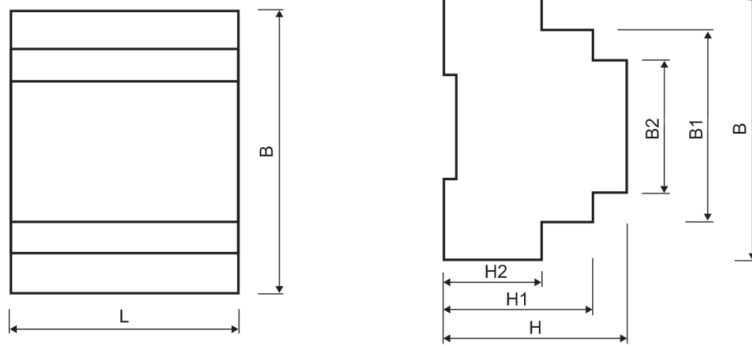
The following parameters apply during transportation and storage:

Parameter	Value
Environment:	clean, dry and dust free
Min. ambient temperature:	0 °C
Max. ambient temperature:	60 °C
Min. ambient relative humidity:	10 % *
Max. ambient relative humidity:	70 % *

*non condensing

DIMENSIONS

Overview



Parameter		Values	
Dimensions:	Length:	L	71
	Width:	B	86
		B1	49
		B2	32
	Height:	H	60
		H1	49
		H2	32

Note: All dimensions in mm unless stated otherwise.

ORDERING INFORMATION

The following tables contain all the information you need to make an order of an item of your choice. When ordering, please always state the type, the ordering or the part number.

Options

Ordering number:	Description:	EAN Code:
EW535M0056	IZAR Port Pulse	4029289054494

Associated Products

Ordering number:	Description:	EAN Code:
EW535M5777	IZARCENTER 60	4029289062031
EW535M5781	IZARCENTER 60 MEMORY	4029289062048
EW535M5782	IZARCENTER 120	4029289062062
EW535M5780	IZARCENTER 250	4029289062079
EW535M5783	IZARCENTER 250 MEMORY	4029289062086

For more information

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