

IZAR PORT PULSE MINI

M-BUS KONVERTER

DIEHL
Metering



APPLICATION

The IZAR PORT PULSE MINI 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 or open collector output.

FEATURES

Two independent pulse counters
Configuration via M-Bus 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
Splash water protected (IP 54)
Wall mounting possibility

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PRINCIPLE OF OPERATION

The IZAR-PORT PULSE MINI 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 MINI | |
|----------------------|--|
| Housing | Light-grey plastic housing with wall mounting support |
| Cable length | Max. 1.5 m for connecting pulse transmitter / open collector |
| Interfaces | M-Bus output; 2 independent (voltage-free) pulse inputs |
| Configuration | Via M-Bus and HYDRO-PORT software (free of charge) |

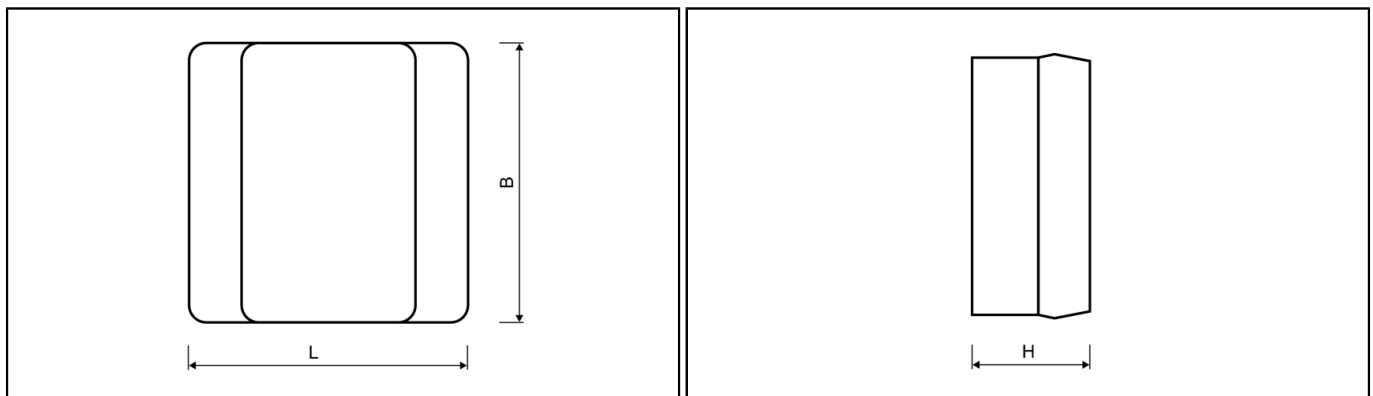
TECHNICAL DATA

| IZAR PORT PULSE MINI | |
|----------------------|------------------------------------|
| Power supply | Via M-Bus or Lithium battery 3.6 V |
| Pulse frequency | Hz 50 |
| Pulse width | ms 7.5 |
| Weight | g 150 |
| Protection class | IP 54 |

AMBIENT CONDITIONS

| IZAR PORT PULSE MINI | |
|----------------------|-------------|
| Humidity | % 10 ... 80 |
| Temperature range | °C 0 ... 60 |

DIMENSIONS



| IZAR PORT PULSE MINI | |
|----------------------|---------|
| Length | L mm 88 |
| Width | B mm 88 |
| Height | H mm 49 |