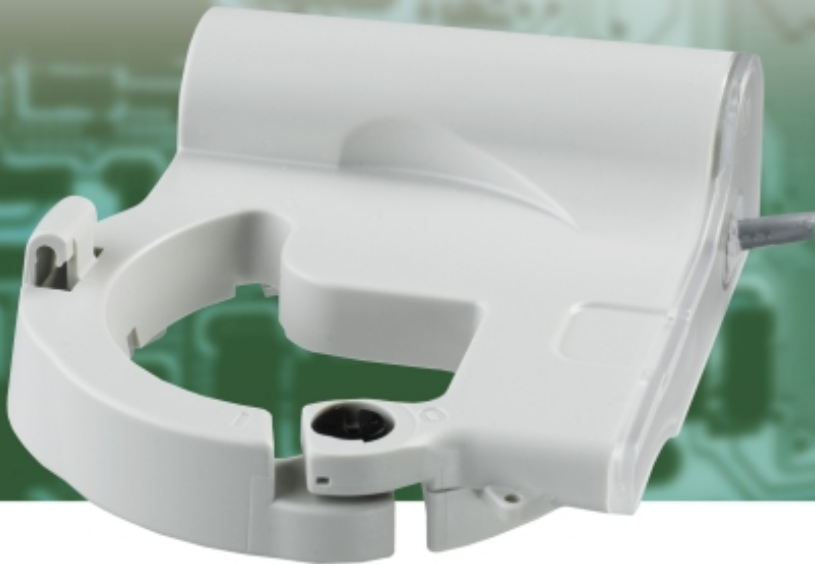


# IZAR PULSE I

ELEKTRONISK EKSTRAUDSTYR | PULSGIVER

**DIEHL**  
Metering



## APPLICATION

Compact impulse counter IZAR PULSE I include "Inductive-sensor" for modular DIEHL Metering meters with inductive-sensor principle for remote meter reading using impulse interface.

## FEATURES

- ▶ Easy installation
- ▶ Compatible with modularity inductive
- ▶ Versions 3-wire and 4-wire
- ▶ Tampering alarms
- ▶ Open collector output
- ▶ Different pulse weights
- ▶ 15 years lifetime

# IZAR PULSE I

ELEKTRONISK EKSTRAUDSTYR | PULSGIVER

## PRINCIPLE

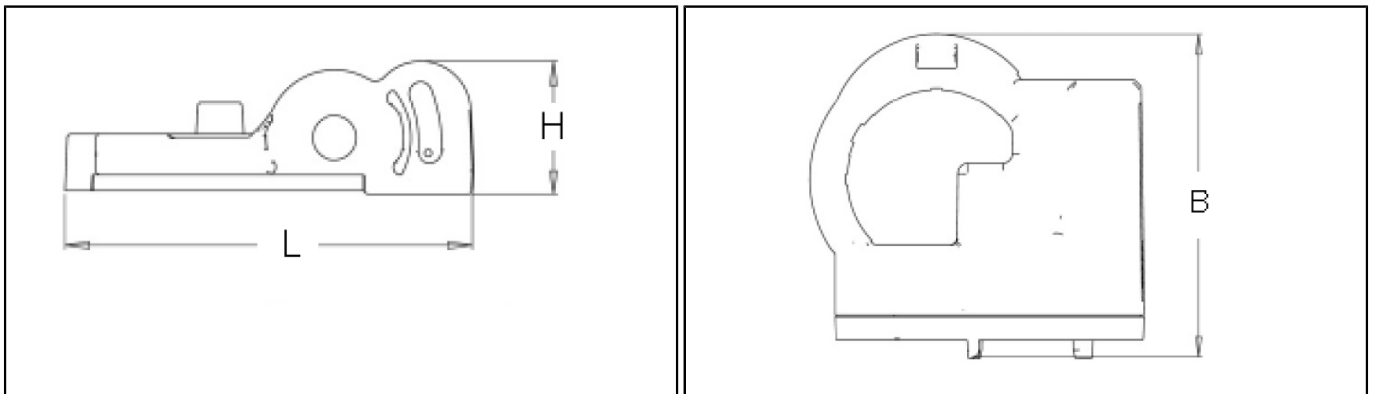
IZAR PULSE I	
Sensor	Inductive sensor
Physics	Revolving magnetic field detection of metal half disk
Type	NPN, open collector transistor

## SPECIFICATIONS

IZAR PULSE I	
Number of wires	3 / 4
Cable length	m 1.5 / 5
Power supply	Lithium cell
Electric parameters - max. output voltage	V 30
Electric parameters - max. output current	0.5 $\mu$ A (open status) / 100 mA (closed status)
Max. frequency	Hz 8
GND	Brown wire (-)
Pulse	White wire (+)
Tampering	Green wire (+)
Flow direction 3 wires	Takes account of backflows, with up to 65535 pulses per return
Flow direction 4 wires	Yellow wire (+)
Electromagnetic compatibility	Complies with the European directive relating to electromagnetic compatibility (cable length up to 5 metres)
Pulse weight - DN 15 - 40	liter 1*
Pulse weight - DN 50 - 100	liter 10*
Operating temperature	$^{\circ}$ C -15 ... +55
Protection class	IP 68

\* Other values on request

## DIMENSIONS



IZAR PULSE I	
Length	L mm 100
Height	H mm 33
Width	B mm 100