

IZAR PULSE I

Elektronic Accessory | Transmitter

DIEHL
Metering



APPLICATION

The IZAR PULSE i emitters are the center of the modular inductive concept developed by Diehl Metering. They can be clipped onto all the meters of the Diehl Metering inductive (Ti) or mixed (Ha+Ti) modular range with grey ring, making them "communicative" in a very easy way. IZAR PULSE i can manage the flow values in both directions and also features alarms (cable cut-off tampering and unclipping). It may be connected to remote reading or consumption analysis systems. IZAR PULSE i features a clamping ring for totally secured mounting (sealable cam) and easy reinstallation on another meter.

FEATURES

- ▶ Compatible with inductive modularity "Ti"
- ▶ 3 and 4 wires versions available
- ▶ Flow direction management
- ▶ Tampering alarms
- ▶ Open collector output
- ▶ Available in dry-contact version, specific pulse weights and 3-output version
- ▶ Up to 15 years lifetime

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PRINCIPLE

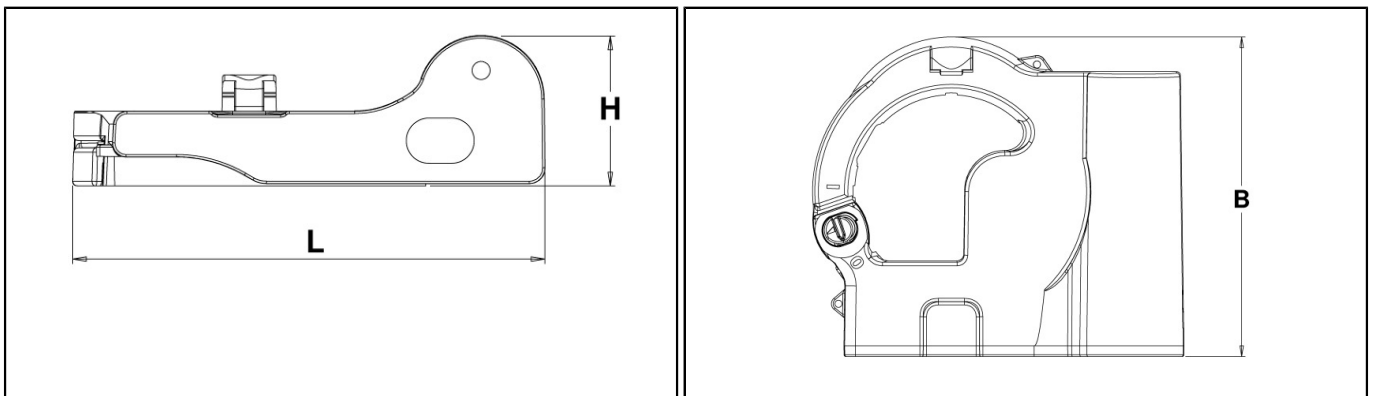
IZAR PULSE i	
Sensor	Inductive sensor (Ti)
Principle	Inductive detection of the half-disk revolution
Output type	NPN, open collector transistor

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	50 mA (closed status)
Max. frequency	Hz 8
GND	brown wire (-)
Pulse	white wire (+)
Tampering	green wire (+)
Flow direction 3 wires	Takes account of backflows (compensation), with up to 65,535 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 : 1 liter *	mm DN15 ... DN40
Pulse weight : 10 liters *	mm DN50 ... DN125
Pulse weight : 100 liters *	mm DN150 ... DN300
Operating temperatures	°C -15 ... +55
Protection class	IP 68
Open collector output impedance	> 1MΩ

* Other values on request

DIMENSIONS



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