

IZAR PULSE H

PULSE EMITTER

DIEHL
Metering



APPLICATION

The pulse transmitter IZAR PULSE H is at the core of the modular concept of the IZAR radio family. It can be clipped onto all the meters of the modular range "Hall" (blue ring) in a few seconds to turn them into communicating meters. The IZAR PULSE H uses a Hall sensor and allows to determine the flow volume in both directions. IZAR PULSE H offers a number of alarms against magnetic tampering, unauthorised unclipping of module and cable cut off. IZAR PULSE H is powered by a lithium cell and can be connected to remote reading system.

FEATURES

- ▶ Compatible with modularity Hall
- ▶ Versions 3 and 4 wires
- ▶ Management of direction flow
- ▶ Tampering alarms
- ▶ Open collector output
- ▶ Up to 15 years lifetime

IZAR PULSE H

PULSE EMITTER

PRINCIPLE

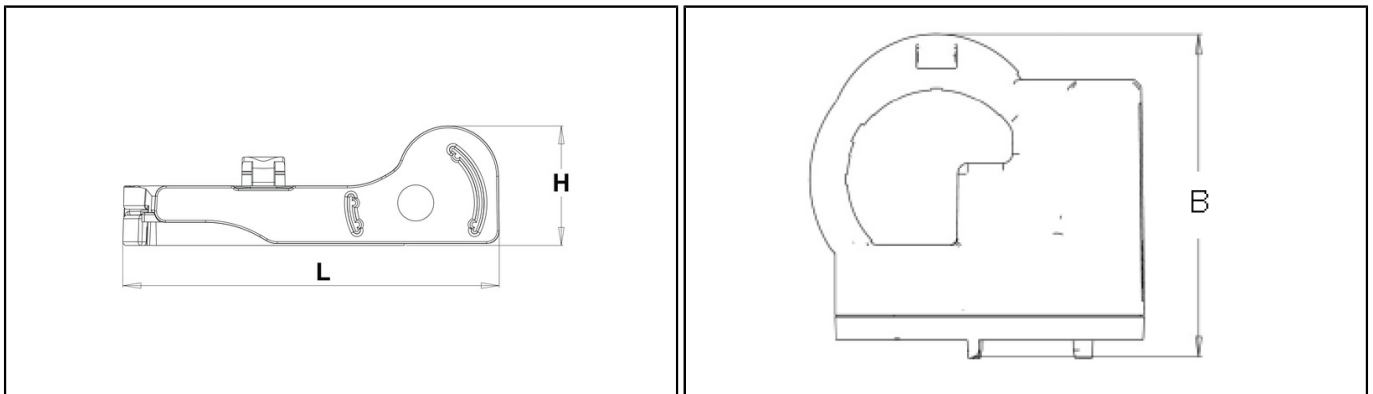
IZAR PULSE H	
Sensor	Hall principle
Physics	Revolving magnetic field detection
Type	NPN, open collector transistor

SPECIFICATIONS

IZAR PULSE H	
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 μ A (open status) / 100mA (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 500 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 ... DN100
Operating temperature	$^{\circ}$ C -15 ... +55
Protection class	IP 68

*others values on request

DIMENSIONS



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