

IZAR DOSING

Electronic Accessory | Display and Control Devices

DIEHL
Metering



APPLICATION

IZAR DOSING is an electronic register with reset function specifically designed for industrial applications. IZAR DOSING is fully modular : it can be clipped onto all the water meters of the Diehl Metering modular Ti range (grey ring), whether the meters are already installed or not.

Thanks to its reset function, IZAR DOSING can be used in all industrial manufacturing processes requiring precise dosing. IZAR DOSING is easy to read, as it directly indicates the volume of the liquid flow, while leaving the meter's index visible.

The generously sized display (10 mm) provides very clear reading. The device operates within a wide range of temperatures (from -20°C to +50°C).

FEATURES

- ▶ Dosing device
- ▶ Resolution to 0.1 l
- ▶ Display to 5 digits
- ▶ Compatible with all the Ti range (meters with grey ring)
- ▶ Up to 10 years autonomy (standard use)

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PRINCIPLE OF OPERATION

The IZAR DOSING device consists of an electronic unit, equipped with the inductive sensor which allows the modularity with the water meter modular range Ti (Inductive Technology). The LC-Display in the front of the product is used for a dosing application. It shows the consumption since the last reset.

As the dosing is finished, pressing the button, brings the displayed value to 0. So a new dosing application can be started.

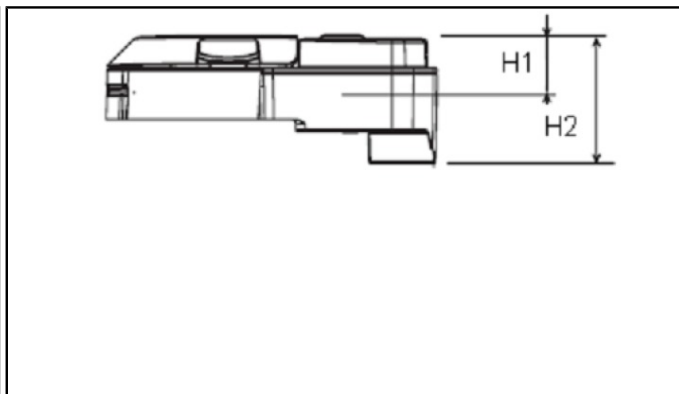
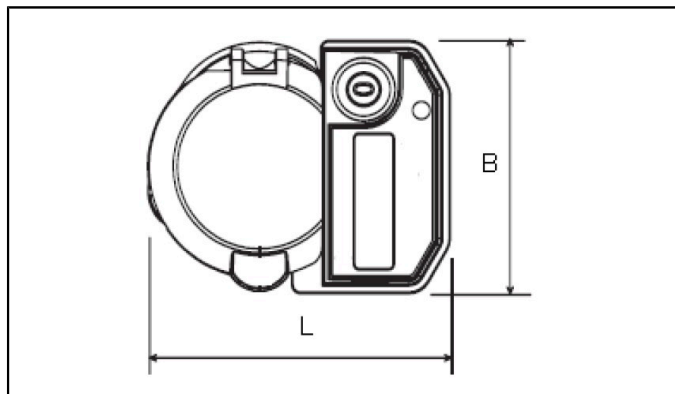
TECHNICAL DATA

IZAR DOSING		
Display	LCD	
Number of digits	5	
Height of digits	mm	10
Display unit DN 15 to 40	liter	0.1
Display unit DN 50 to 100	liter	1
Reset	Push-button on the front	
Type of battery	3.6 V lithium	
Battery lifetime	Up to 10 years, depending on use	

ENVIRONMENT

IZAR DOSING		
Protection class	IP 68	
Max. temp. range	°C	-20 ... +50
Recommended operating temp.	°C	-10 ... +50
Approval	CE: Electromagnetic compatibility	

DIMENSIONS



IZAR DOSING			
Length	L	mm	105
Width	B	mm	88
Height	H1	mm	23
Height	H2	mm	42

INSTALLATION

IZAR DOSING can be installed on all types of Diehl Metering modular meters, such as AQUARIUS, ALTAIR, AQUILA and CORONA M, featuring the Ti modular concept (fitted with a grey ring). IZAR DOSING clips onto the register after the lid has been removed. IZAR DOSING is integrated into the ring and rotates a full 360°.