

# WATER METERS

## with impulse emitter device

### USAGE

The water meters equipped with pulse emitter device can be linked to tele-reading systems, to PLC, to M-Bus networks (through PADPULSE signal converters), to impulse counters and to all those applications that need an electronic input which indicates the water consumption.

Water meters can be provided in two versions: complete version for pulse output, or pre-equipped version for pulse output. (On the pre-equipped version could be installed the pulse emitter device later on.)

### ADVANTAGES

- REED contacts are contained in a very resistant box in order to avoid false signals caused by humidity or other external factors.
- High attraction strength among REED contacts is very high. For this reason the possibility of false signals or multiple signals is reduced to minimum.
- The reed contacts commutation time is a few milliseconds; this fact allows to the pulse emitter device to be used for high flowrates also.

Reed characteristics	
Max Voltage	24V
Min Voltage	0,02V
Max Interrupted Current	0,5A
Max Bearable Current	1,2A
Max Power	10W/VA
Cable lenght	3mt

GSD5-R	GMB-RP-R
GSD8-R	WDE-K30-R
GSD8-45-R	TAN-X5-R
GMDX-R	
Circuito standard	
Standard Circuit	



GSD5-R GSD8-R GMDX-R	GMB-RP-R
Circuito anti-furto	Circuito anti-furto
Circuito anti-furto	Circuito anti-furto

### ANTI-TAMPERING DEVICE (if required)

The major number of tampering attempts on pulse emitter devices is made using external magnets with the aim of modifying the correct pulse emitters working. Our pulse emitters can be equipped by a further REED contact, which produces an alarm signal when the external magnet is approaching the water meter.

mod. <b>GSD5-R</b> single jet - dry dial																											
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Single jet, dry dial, direct reading, dial can rotate 360°, choice of impulse value																											

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	DN15		DN20	
Impulssiväli	1 ltr	10 ltr	1 ltr	10 ltr
Kylmävesi	LVI 4418 030	LVI 4418 031	LVI 4418 040	LVI 4418 041
Lämminvesi	LVI 4438 030	LVI 4438 031	LVI 4438 040	LVI 4438 041
Liittimet	LVI 4481 216		LVI 4481 206	