

# G. GIOANOLA



## WATER METER WITH ELECTRICAL OUTPUT



MODELS:  
IALF/25-IALC/25  
IALF/30-IALC/30  
IALF/40-IALC/40  
OALF/50-OALC/50

MODELS:  
USLF/13-USLC/13  
USLF/20-USLC/20

MODELS:  
DALF/25-DALC/25  
DALF/30-DALC/30  
DALF/40-DALC/40

- \* Water meters equipped with a pulse-emitting device
- \* They combine the high reliability of the magnetic driven register with a large variety of output options
- \* USLF-DALF model, single-jet, dry dial, for cold water up to 30 °C
- \* USLC-DALC model, single-jet, dry dial, for hot water up to 90 °C
- \* IALF-OALF model, multi-jet, dry dial, for cold water up to 30 °C
- \* IALC-OALC model, multi-jet, dry dial, for hot water up to 90 °C
- \* Wet dial water meters with a pulse-emitting device available on request
- \* Water meters with electrical output for heating installations available on request
- \* All models are also available **PRE-SET** to receive a pulse-emitting device in a future application

# WATER METER WITH ELECTRICAL OUTPUT

Nominal size of the meter			13	20	25	30	40	50
Q <sub>max</sub>	Maximum flow rate	m <sup>3</sup> /h	3	5	7	10	20	30
Q <sub>n</sub>	Nominal continuous flow rate	m <sup>3</sup> /h	1,5	2,5	3,5	5	10	15
Q <sub>t</sub>	Transitional flow rate with ± 2% error	l/h	120	200	280	400	800	3000
Q <sub>min</sub>	Minimum flow rate with ± 5% error	l/h	30	50	70	100	200	450

Number of liters per pulse *											
0,25	0,5	1	2,5	5	10	25	50	100	250	500	1000

MODELS:

FOR COLD WATER UP TO 30° C

SINGLE-JET:

USLF/13 1/2"

USLF/20 3/4"

DALF/25 1"

DALF/30 1.1/4"

DALF/40 1.1/2"

MULTI-JET:

IALF/25 1"

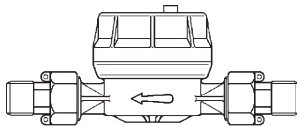
IALF/30 1.1/4"

IALF/40 1.1/2"

OALF/50 2"

\* The pulse value must be stated when ordering

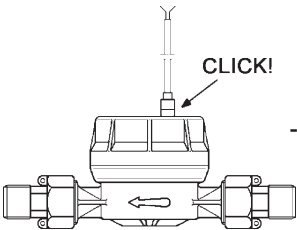
ON REQUEST, THE METERS CAN BE SUPPLIED PRE-SET TO RECEIVE A PULSE-EMITTING DEVICE



- pre-set model



- reed switch ordered later on



- model complete with reed switch

Max voltage supply applicable to the circuit: 24V - 0,2A

Length of the screened cable supplied: mt. 2

The Company's policy is one of continuous product improvement and the right is reserved to modify the specifications contained herein without notice.

FOR HOT WATER UP TO 90° C

SINGLE-JET:

USLC/13 1/2"

USLC/20 3/4"

DALC/25 1"

DALC/30 1.1/4"

DALC/40 1.1/2"

MULTI-JET:

IALC/25 1"

IALC/30 1.1/4"

IALC/40 1.1/2"

OALC/50 2"



**G. GIOANOLA**  
SISMA WATER METERS

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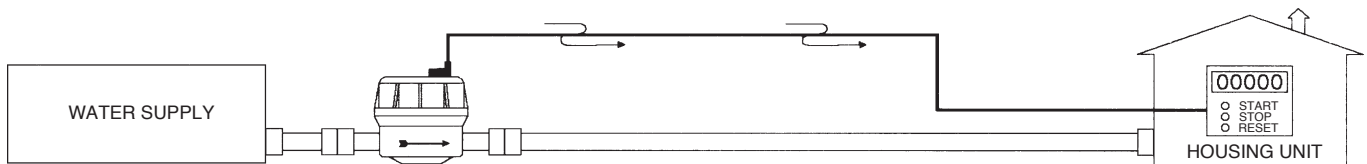
**14049 NIZZA MONFERRATO (AT) - ITALY**

E-mail: info@gioanola.it

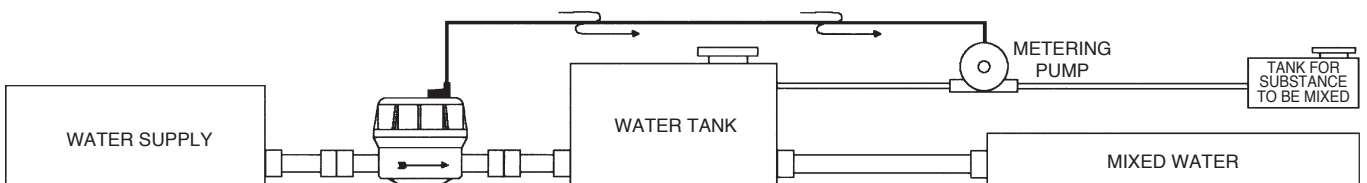
http://www.gioanola.it

For weights and measurements, please refer to the technical data sheets of the current models

## APPLICATION EXAMPLES



Remote reading (in combination with a remote display or a computerized reading system, it is possible to collect and process water consumption data in multi apartment buildings, where the access to water meter is often difficult, or wherever central reading of several meters is required)



Rate of flow control: by a suitable electrical output and with addition of electronic instrumentation, several operations are possible, such as: valve and pump control, warning systems etc., according to different pre-selected rate of flow values