

# Serie R - Contalitri

## R Series - Flow meter



### CARATTERISTICHE FISICHE



Montabile su:	Tutta la Serie R
Corpo calotta:	POM
Corpo valvola:	PA 66 - 30% FV
Guarnizione:	NBR; Silicone
Assemblaggio:	Con viti, ispezionabile

### PHYSICAL SPECIFICATIONS



Can be fitted on:	All the R Series
Flow meter body:	POM
Valve body:	PA 66 - 30% GF
Gasket:	NBR; Silicone
Assembly:	With screws, serviceable

### CARATTERISTICHE DI LAVORO

Pressione di esercizio:	0 - 10 bar
Temp. ambiente:	Tu 60° C
Temperatura fluido:	Tm 25° C
Direzione del fluido:	Unidirezionale

### WORKING SPECIFICATIONS

Working pressure:	0 - 10 bar
Room temperature:	Tu 60° C
Fluid temperature:	Tm 25° C
Flow direction:	Unidirectional

### CONNESSIONI ELETTRICHE

Connettore Hall:	JST 3 poli
Connettore Reed:	JST 2 poli
Cavo Hall:	1050; 2800 mm
Cavo Reed:	1050; 2800 mm

### ELECTRICAL CONNECTIONS

Hall connector:	JST 3 pin
Reed connector:	JST 2 pin
Hall cable:	1050; 2800 mm
Reed cable:	1050; 2800 mm

### CERTIFICAZIONI / CERTIFICATIONS

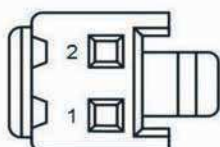
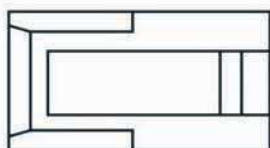
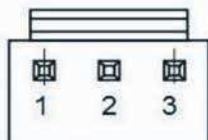
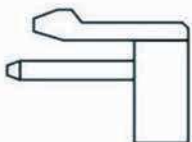
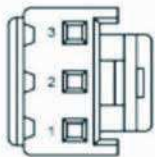
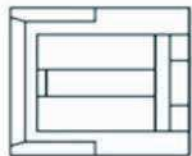
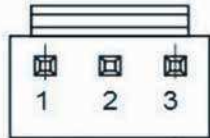
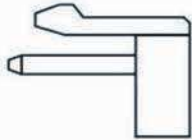


DM 174/2001

KTW  
W270

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### CONNESSIONI ELETTRICHE

#### Sensore HALL

Tipo di uscita:	Collettore aperto NPN
Tensione:	5 - 28 Vcc
Corrente:	Massima 10 mA
Connessione:	Connettore tripolare maschio (nero)
Tipo connettore:	JST B3P-VH-BK (3 poli/p. 3,96) pin 1 = uscita pin 2 = negativo (-) pin 3 = positivo (+)

#### Sensore HALL

Connessione:	Cavo con connettore tripolare femmina (rosso)
Lunghezza cavo:	0,31m / 1m / 2,8m
Tipo connettore:	JST VHR-3N-R (3 poli/p. 3,96) pin 1 = uscita (cavo bianco) pin 2 = positivo (+) (cavo marrone) pin 3 = negativo (-) (cavo verde)

### CONNESSIONI ELETTRICHE

#### Sensore REED

Tipo di uscita:	Contatto NA
Tensione:	5 - 28 Vcc
Corrente:	Massima 500 mA
Connessione:	Connettore tripolare maschio (bianco)
Tipo connettore:	JST B3P-VH (3poli/p.3,96) pin 1 = contatto pin 2 = libero (nc) pin 3 = contatto

#### Sensore REED

Connessione:	Cavo con connettore bipolare femmina (bianco)
Lunghezza cavo:	0,195m / 1m / 2,8m
Tipo connettore:	JST VHR-2N (2 poli/p. 3,96) pin 1 = contatto (cavo marrone) pin 2 = contatto (cavo bianco)

### ELECTRICAL CONNECTIONS

#### HALL sensor

Output type:	Open collector NPN
Voltage:	5 - 28 Vdc
Current:	Maximum 10 mA
Connection:	Tripolar male connector (black)
Connector type:	JST B3P-VH-BK (3 pin/p. 3,96) pin 1 = output pin 2 = negative (-) pin 3 = positive (+)

#### HALL sensor

Connection:	Cable with tripolar female connector (red)
Cable length:	0,31m / 1m / 2,8m
Connector type:	JST VHR-3N-R (3 pin/p. 3,96) pin 1 = output (white wire) pin 2 = positive (+) (brown wire) pin 3 = negative (-) (green wire)

### ELECTRICAL CONNECTIONS

#### REED sensor

Output type:	Contact NO
Voltage:	5 - 28 Vdc
Current:	Maximum 500 mA
Connection:	Tripolar male connector (white)
Connector type:	JST B3P-VH (3 pin/p. 3,96) pin 1 = contact pin 2 = free (nc) pin 3 = contact

#### REED sensor

Connection:	Cable with bipolar female connector (white)
Cable length:	0,195m / 1m / 2,8m
Connector type:	JST VHR-2N (2 pin/p. 3,96) pin 1 = contact (brown wire) pin 2 = contact (white wire)

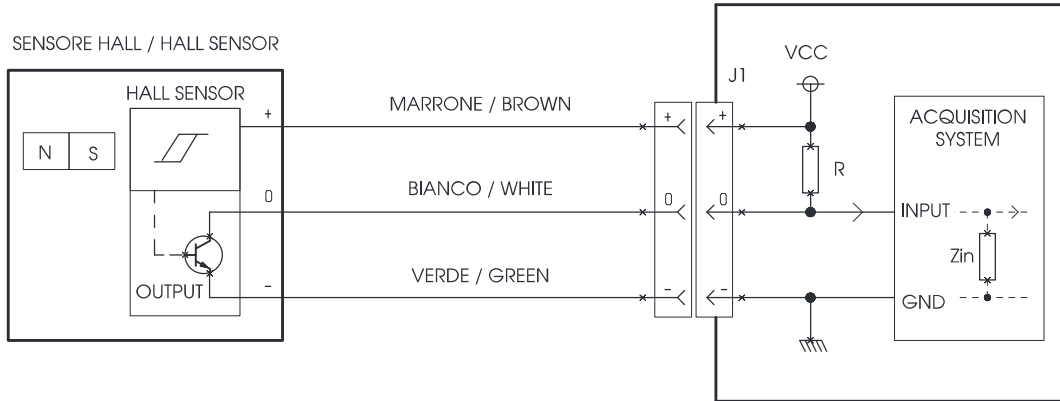
# Serie R - Contalitri

## R Series - Flow meter



### Sensore HALL

### HALL Sensor

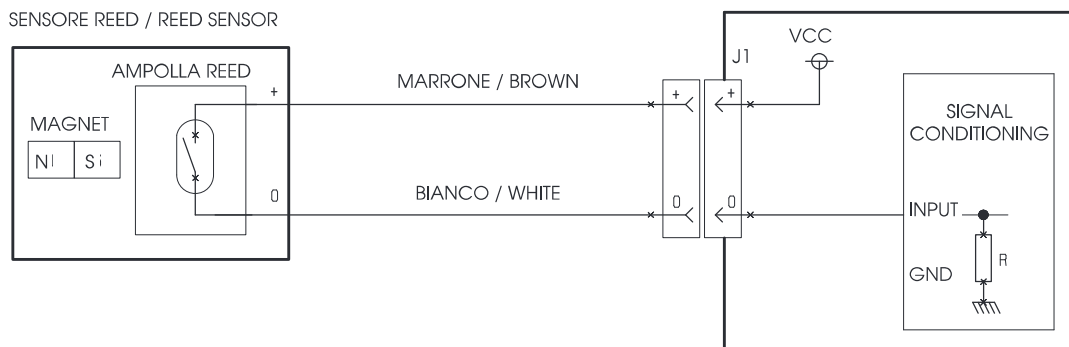


Tipo di uscita: Collettore aperto NPN  
 Corrente di uscita: Max 10 mA  
 VCE di saturazione: 0,4 V  
 Outlet type: Open collector NPN  
 Outlet current: Max 10 mA

Alimentazione VCC: 5 - 28 VCC  
 Corrente di carico: 0,05 mA @ 3 mA (tipico)  
 Resistenza di carico: R = 4,7 Kohm / 0,25 W (tipico A 5 VCC)  
 Resistenza di carico: R = 10 Kohm / 0,25 W (tipico A 28 VCC)  
 Resistenza di carico: R = 100 Kohm / 0,25 W (Max)

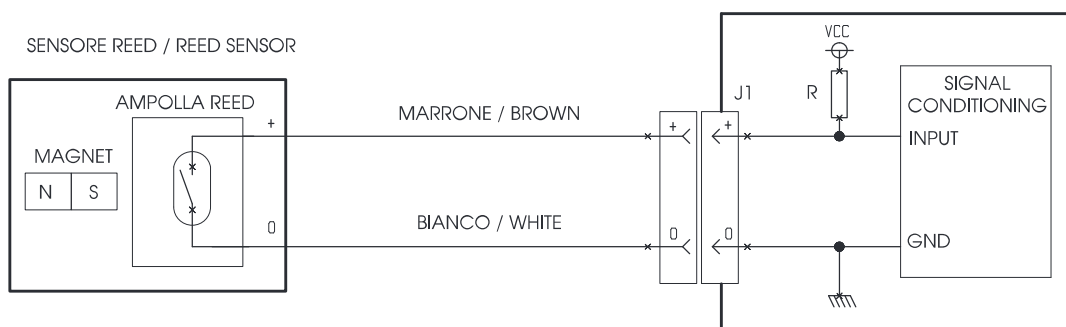
### Sensore REED

### REED Sensor



Tipo di uscita: Switch libero da tensione  
 Corrente di uscita: Max 10 mA  
 Outlet type: Free switch by voltage  
 Outlet current: Max 10 mA

Alimentazione VCC: 5 - 28 VCC  
 Corrente di carico: 0,05 mA @ 3 mA (tipico)  
 Resistenza di carico: R = 4,7 Kohm / 0,25 W (tipico A 5 VCC)  
 Resistenza di carico: R = 10 Kohm / 0,25 W (tipico A 28 VCC)  
 Resistenza di carico: R = 100 Kohm / 0,25 W (Max)

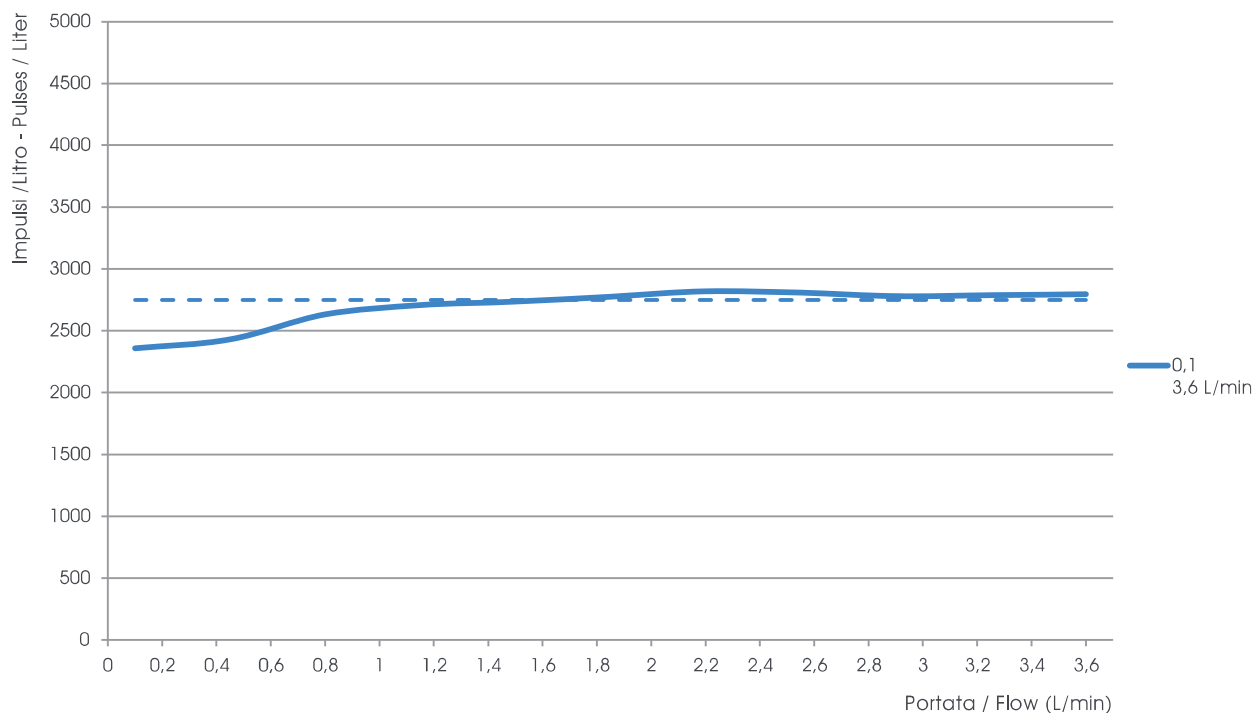


# Serie R - Contalitri

## R Series - Flow meter



GRAFICO PORTATA 0,1 - 3,6 L/MIN / FLOW RATE CHART 0,1 - 3,6 L/MIN



### PERFORMANCE

Impulsi / litro nominali: 2750  
Tolleranza:  $\pm 15\%$   
N° magneti: 2  
Senza ByPass

### PERFORMANCE

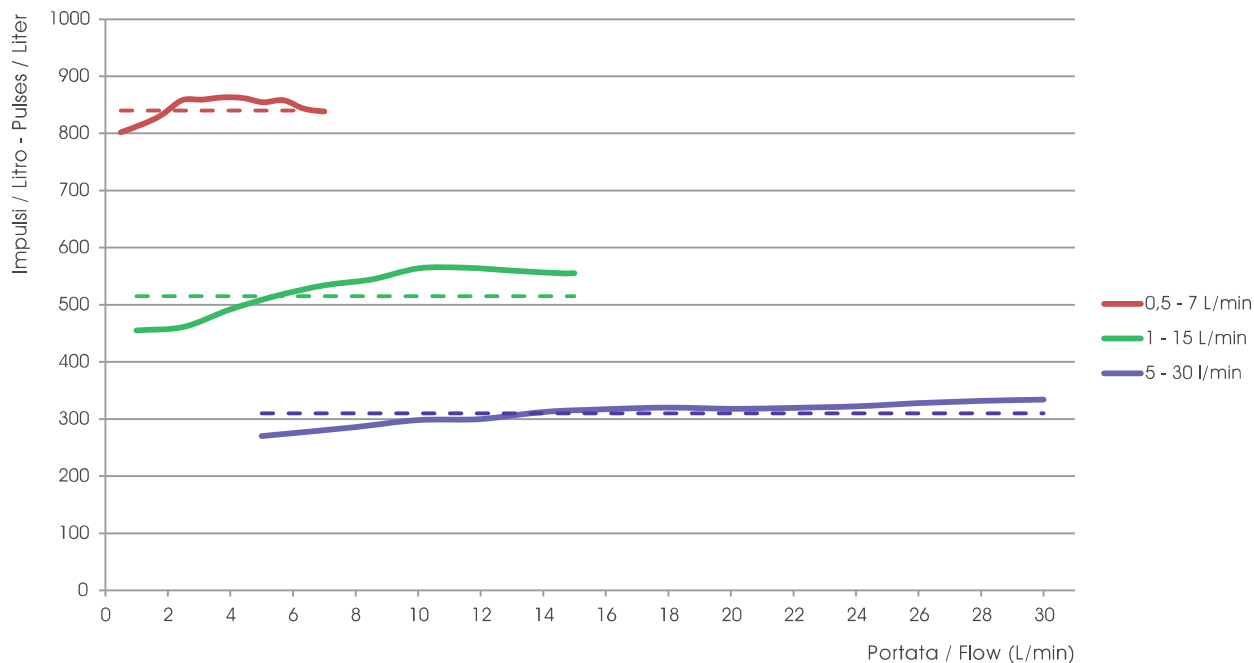
Nominal pulse / liter: 2750  
Tolerance:  $\pm 15\%$   
Magnet No.: 2  
No ByPass

# Serie R - Contalitri

## R Series - Flow meter



### GRAFICO PORTATE / FLOW RATES CHART



#### PERFORMANCE

0,5 - 7 L/min

Impulsi / litro nominali: 840  
Tolleranza:  $\pm 20\%$   
N° magneti: 1  
Senza ByPass

#### PERFORMANCE

0,5 - 7 L/min

Nominal pulse / liter: 840  
Tolerance:  $\pm 20\%$   
Magnet No.: 1  
No ByPass

#### PERFORMANCE

1 - 15 L/min

Impulsi / litro nominali: 515  
Tolleranza:  $\pm 20\%$   
N° magneti: 2  
Con ByPass

#### PERFORMANCE

1 - 15 L/min

Nominal pulse / liter: 515  
Tolerance:  $\pm 20\%$   
Magnet No.: 2  
With ByPass

#### PERFORMANCE

5 - 30 L/min

Impulsi / litro nominali: 310  
Tolleranza:  $\pm 20\%$   
N° magneti: 2  
Con ByPass

#### PERFORMANCE

5 - 30 L/min

Nominal pulse / liter: 310  
Tolerance:  $\pm 20\%$   
Magnet No.: 2  
With ByPass

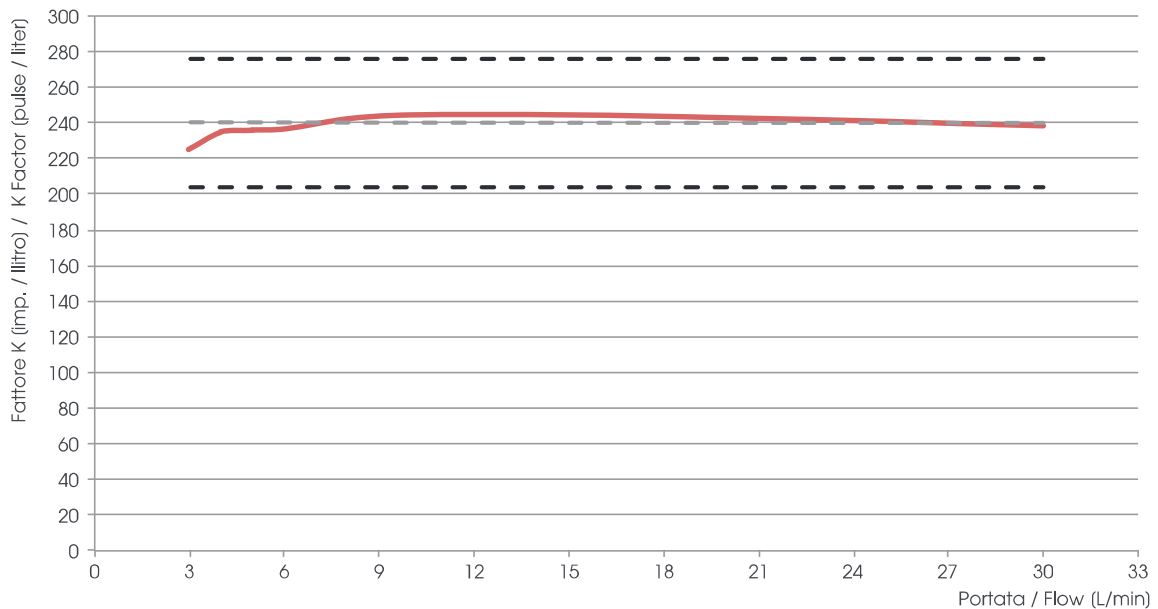
# Serie R - Contalitri

## R Series - Flow meter



GRAFICO PORTATA 3-30 L/MIN HALL

HALL FLOW RATE CHART 3-30 L/MIN



### PERFORMANCE

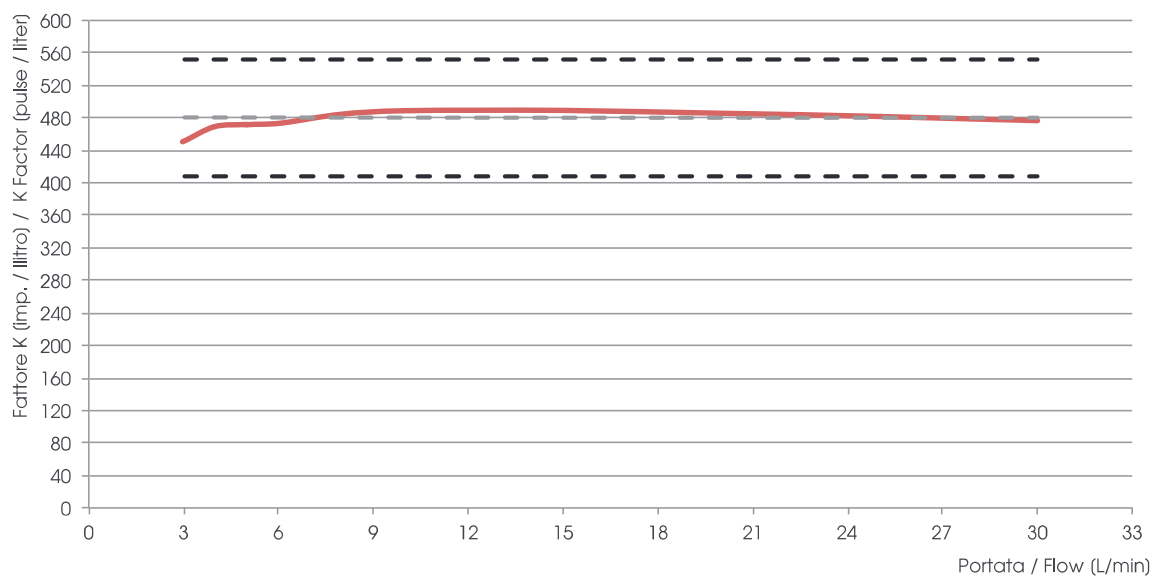
Impulsi / litro nominali: 240    N° magneti: 2  
Tolleranza:  $\pm 15\%$     Senza ByPass

### PERFORMANCE

Nominal pulse / liter: 240    Magnet No.: 2  
Tolerance:  $\pm 15\%$     No ByPass

GRAFICO PORTATA 3-30 L/MIN REED

REED FLOW RATE CHART 3-30 L/MIN



### PERFORMANCE

Impulsi / litro nominali: 480    N° magneti: 2  
Tolleranza:  $\pm 15\%$     Senza ByPass

### PERFORMANCE

Nominal pulse / liter: 480    Magnet No.: 2  
Tolerance:  $\pm 15\%$     No ByPass

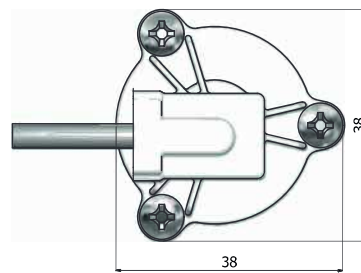
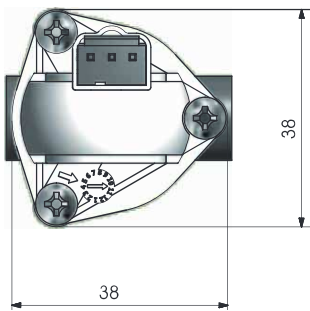
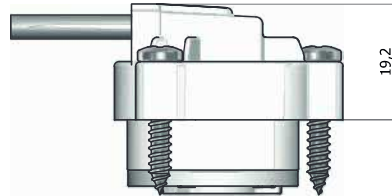
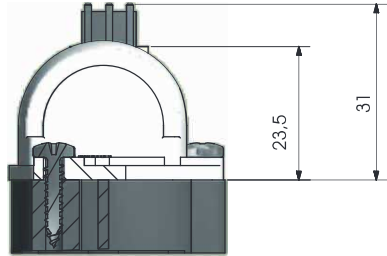
# Serie R - Contalitri

R Series - Flow meter



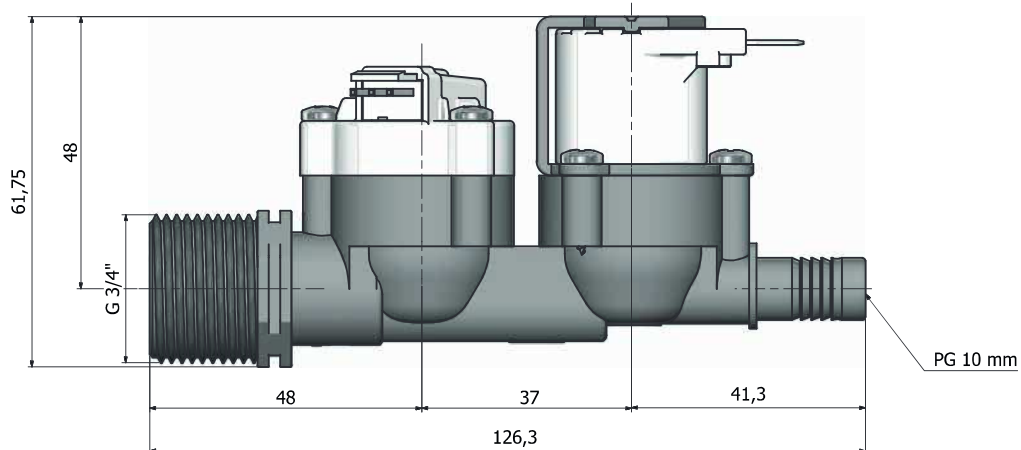
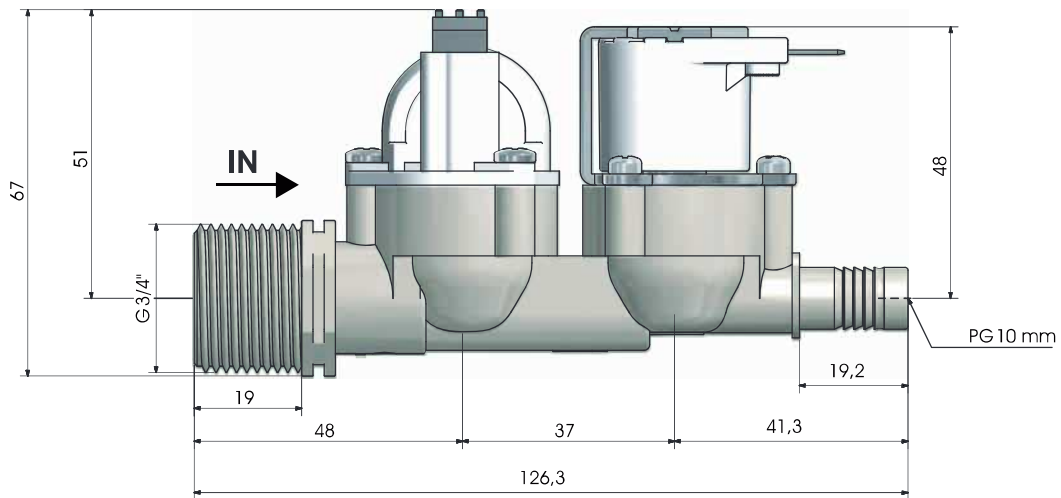
Contalitri

Flow meter



Serie R Dual Contalitri

R Series Dual Flow meter



Misure in millimetri - Dimensions in millimeters

www.rpestrl.it | 55

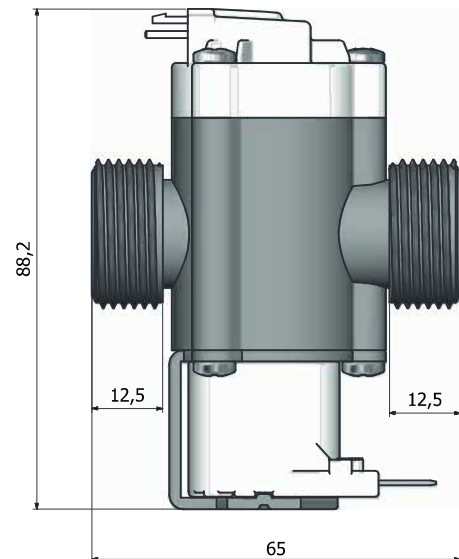
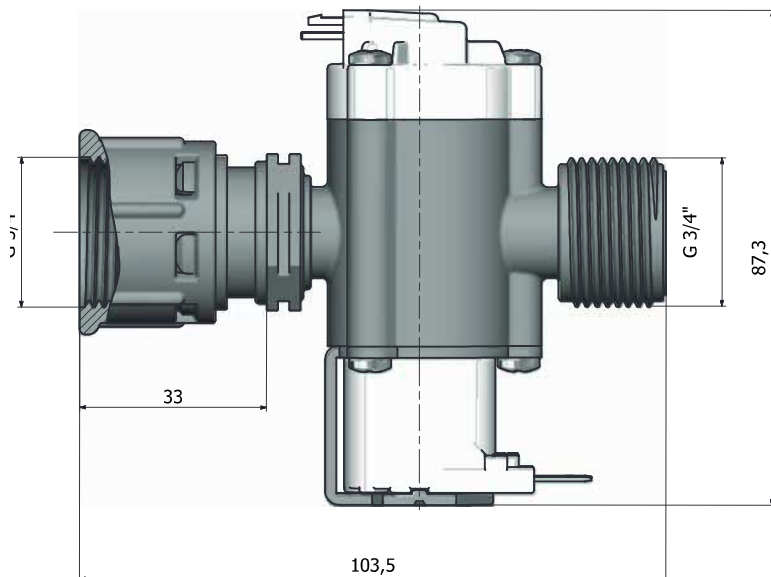
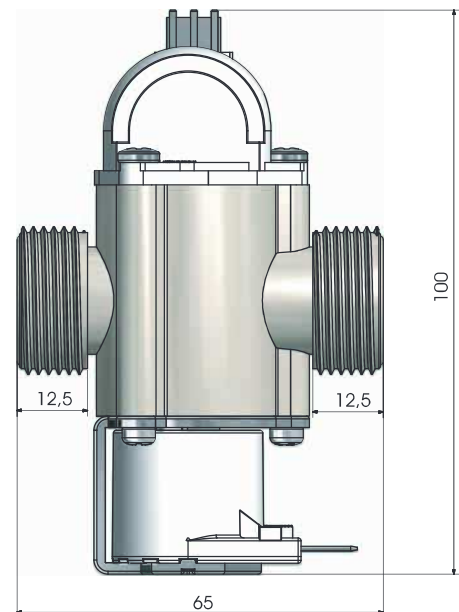
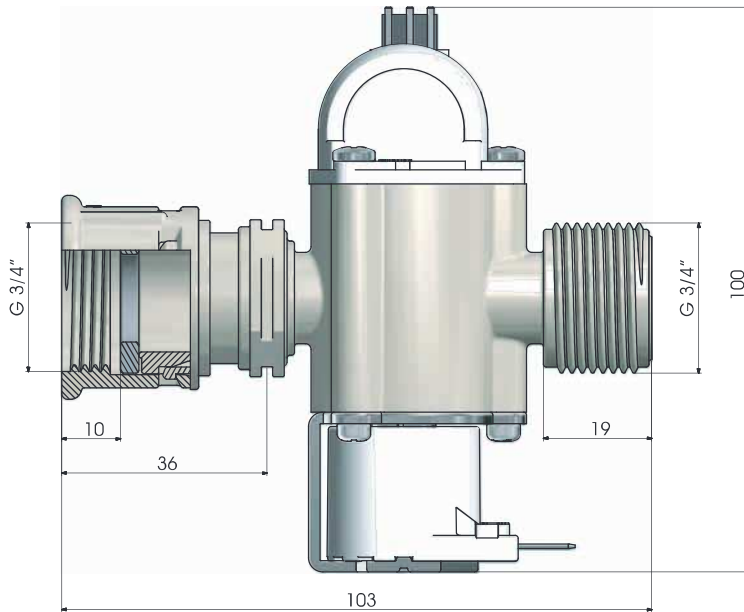
# Serie R - Contalitri

## R Series - Flow meter



Serie R Dual Contalitri

R Series Dual Flow meter





# Serie R - Contalitri

## R Series - Flow meter



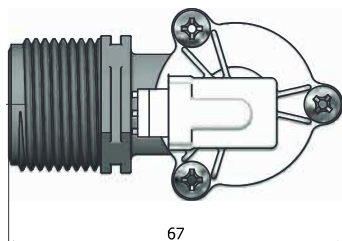
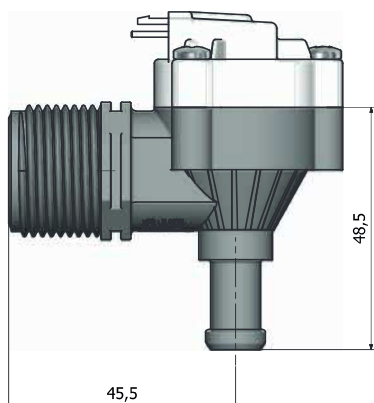
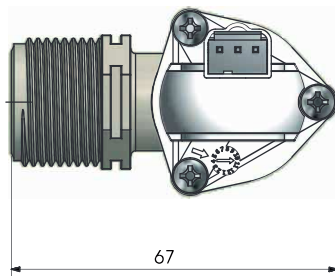
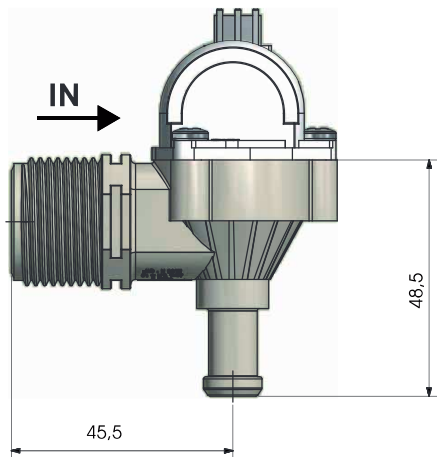
### Serie R 90°

### R Series 90°

**IN:**  
1/2" M  
3/4" M  
3/4" M GHT

**OUT:**  
PG 10 mm  
PG 13 mm  
Codolo  
10 mm  
3/8" M  
1/2" M

**M.O.Q.:**  
120 pcs



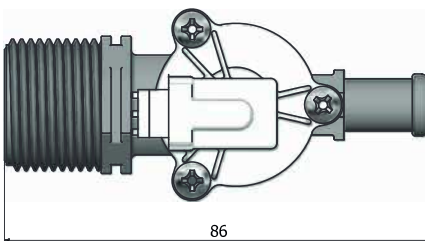
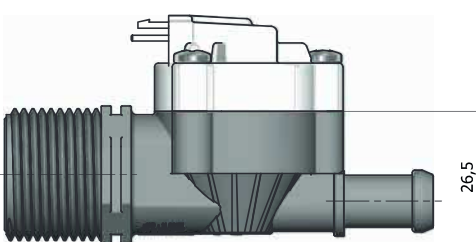
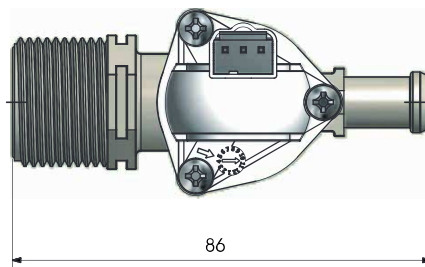
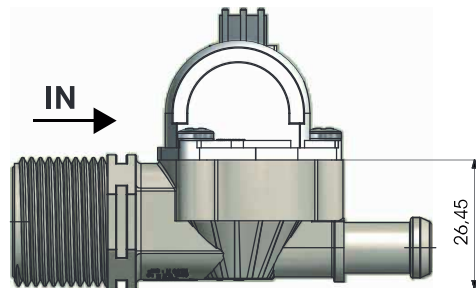
### Serie R 180°

### R Series 180°

**IN:**  
3/4" M  
JG 6 mm  
JG 8 mm  
JG 10 mm

**OUT:**  
PG 10 mm  
PG 13 mm  
Codolo  
10 mm  
JG 1/4"  
1/2" M  
PG 6 mm  
PG 8 mm  
PG 10 mm  
PG 12 mm  
1/4" M  
3/8" M  
1/2" M  
3/4" M

**M.O.Q.:**  
160 pcs



# Serie R - Contalitri

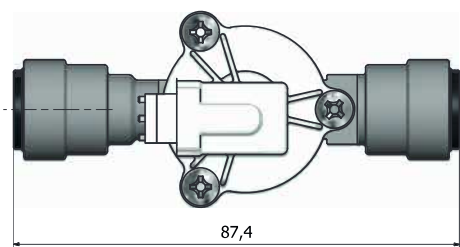
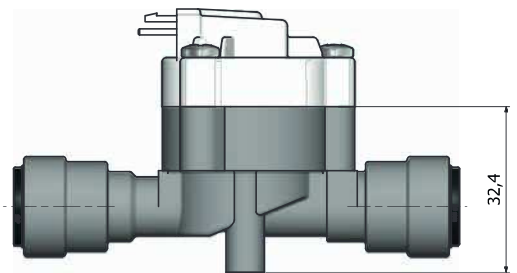
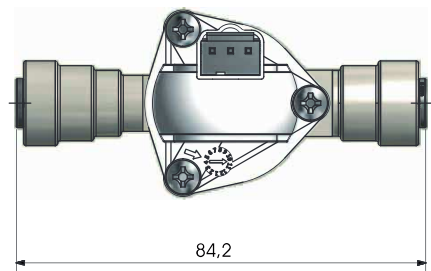
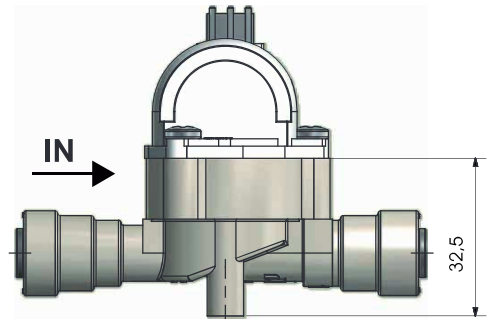
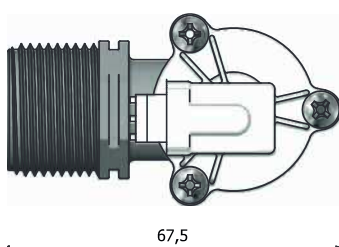
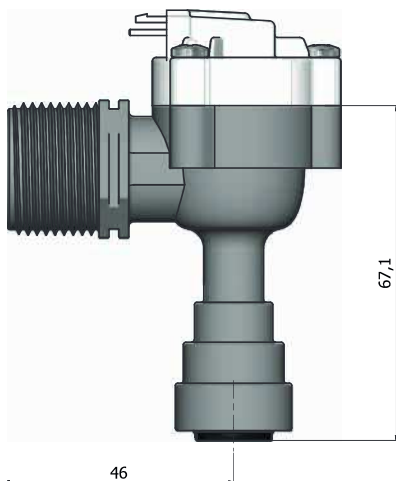
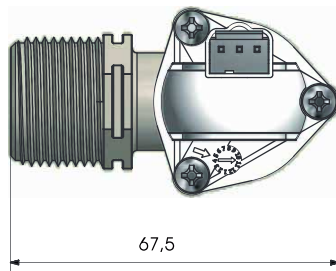
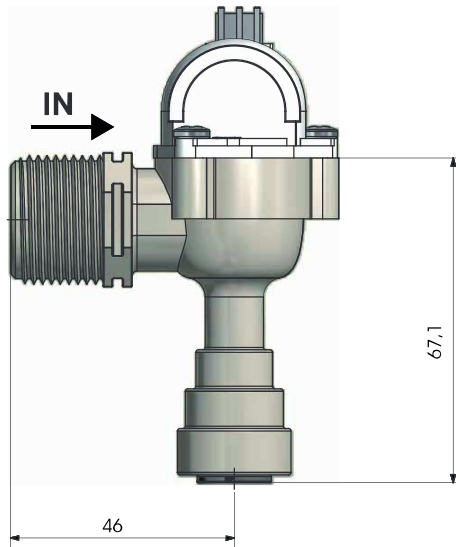
## R Series - Flow meter

Serie R 90° JG

R Series 90° JG

Serie R Mini JG

R Series Mini JG



# Serie R - Contalitri

## R Series - Flow meter

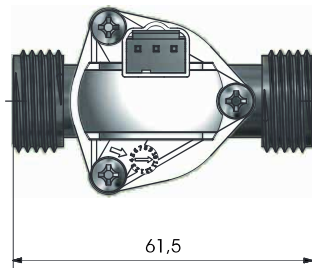
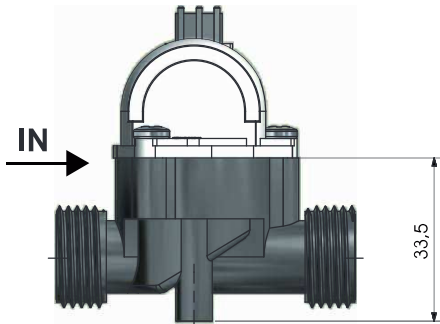


### Serie R Mini Maschio

### R Series Mini Male

IN = OUT:  
1/4" M  
3/8" M  
1/2" M  
3/4" M

M.O.Q.:  
160 pcs

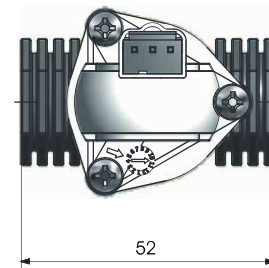
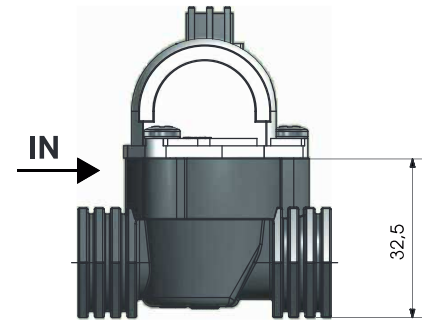


### Serie R Mini Femmina

### R Series Mini Female

IN = OUT:  
1/8" F  
1/4" F  
3/8" F  
1/2" F

M.O.Q.:  
160 pcs



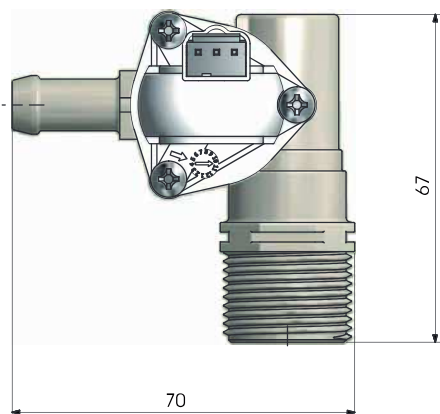
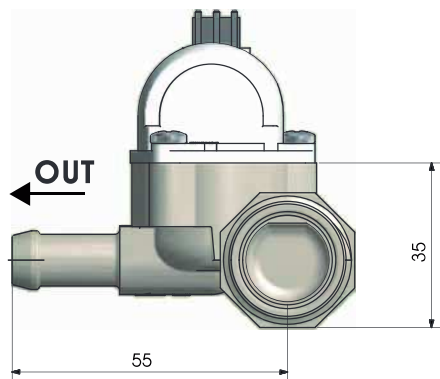
### Serie R Modulare

### R Series Modular

IN:  
3/4" M

OUT:  
JG 10 mm

M.O.Q.:  
160 pcs



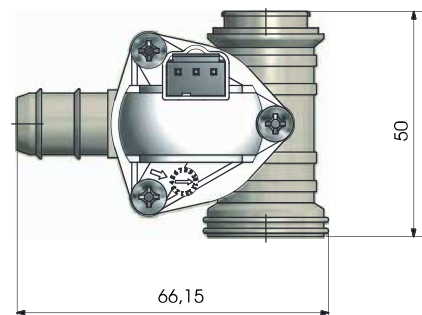
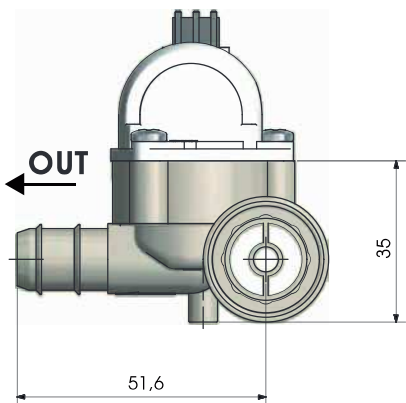
### Serie R Componibile

### R Series Componibile

IN:  
3/4" M

OUT:  
PG 10 mm  
PG 13 mm  
Codolo  
10 mm  
JG 1/4"  
1/2" M  
PG 6 mm  
PG 8 mm  
PG 10 mm  
PG 12 mm  
1/4" M  
3/8" M  
1/2" M  
3/4" M

M.O.Q.:  
160 pcs



Misure in millimetri - Dimensions in millimeters