

Flowswitch for liquids

The Flow Switch RIV600 have high visibility on each side and a clear reading of the scale.

Thanks to the **conformation of the cone**, at regular increases of flowrate match movements equally regular of the shutter.

RIV600 series can be equipped od one or 2 alarm sensors at reed contact, possibly supplemented by red or green LED or a signaling field of the presence or absence of the flowrate predetermined.

Threaded connection head: anodized aluminum

Threads available(F): from 1/4" to 1"1/2 bsp

Body material: Grilamid™ TR55 (PA Transparent) high resistance

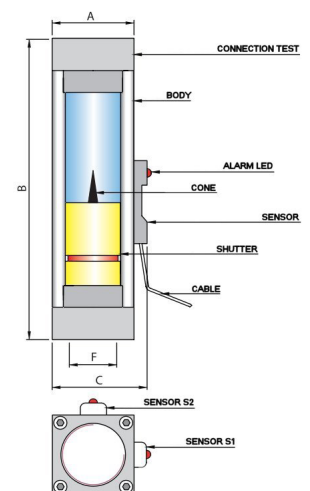
O-Ring: NBR; on demand for appropriate quantities available other elastomers.

Electric Sensors: SPST, SPDT



| TYPE | LIQUID | F | FLOWRATE LT/MIN | MAX PRESSURE BAR | MATERIAL | A | B | C | TEMPERATURE | | | | |
|---------|----------|----------|--------------------|------------------------|------------------------|-------|-----|----|--------------|------------------------|-------|-----|----|
| RIV600 | WATER | 1/4" G | 0,1...7 | 30 | CONE AND SHUTTER | 40x40 | 150 | 57 | -20+80 °C | | | | |
| | | 3/8" G | 0,5...12 | | | | | | | | | | |
| | | 1/2" G | 1...20 | | | | | | | | | | |
| | | 3/4" G | 5...24 | 25 | PVC | 55x55 | 160 | 72 | | | | | |
| | | 3/4" G | 5...36 | | | | | | | | | | |
| | | 1" G | 10...42 | | | | | | | | | | |
| | | 1"1/4 G | 20...95 | | | | | | | | | | |
| | 1"1/2 G | 30...120 | 30 | CONE AND SHUTTER | 40x40 | 150 | 57 | | | | | | |
| | 1/4" G | 0,1...6 | | | | | | | | | | | |
| | 3/8" G | 0,5...10 | | | | | | | | | | | |
| | 1/2" G | 1...16 | | | | | | | | | | | |
| | 3/4" G | 5...20 | | | | | | | | | | | |
| | 3/4" G | 5...30 | | | | | | 25 | | NICHEL PLATED BRASS | 55x55 | 160 | 72 |
| | 1" G | 10...35 | | | | | | | | | | | |
| 1"1/4 G | 20...80 | | | | | | | | | | | | |
| 1"1/2 G | 30...100 | | | | | | | | | | | | |

| ELECTRICAL CHARACTERISTICS SENSOR | SPST CONTACT | SPST CONTACT WITH LED | SPDT CONTACT |
|--------------------------------------|----------------------------|--------------------------|-----------------|
| POWER COMMUTABLE IN CC | 40W | | 20W |
| POWER COMMUTABLE IN CA | 40 VA | | 20 VA |
| CURRENT STRENGTH IN CC - CA | 2.A | | 1.A |
| COMMUTABLE VOLTAGE | 230VDC/VAC | 5/12VDC | 150VDC /VAC |
| STANDARD CABLE LENGTH | 1500 mm | | |
| CONNECTION | COMMON GREEN WIRE | | |
| | N.C. IN ABSENCE WHITE WIRE | | |
| | N.O. IN ABSENCE BROWN WIRE | | |



ORDER DIAGRAM

RIV600

| | FLUID | ATTACK | LT/MIN |
|----|-------|----------|----------|
| 1 | WATER | 1/4"G | 0,1...7 |
| 2 | WATER | 3/8" G | 0,5...12 |
| 3 | WATER | 1/2" G | 1...20 |
| 4 | WATER | 3/4" G | 5...24 |
| 5 | WATER | 3/4" G | 5...36 |
| 6 | WATER | 1" G | 10...42 |
| 7 | WATER | 1" 1/4 G | 20...95 |
| 8 | WATER | 1" 1/2 G | 30...120 |
| 9 | OIL | 1/4"G | 0,1...16 |
| 10 | OIL | 3/8" G | 0,5...10 |
| 11 | OIL | 1/2" G | 1...16 |
| 12 | OIL | 3/4" G | 5...20 |
| 13 | OIL | 3/4" G | 5...30 |
| 14 | OIL | 1" G | 10...35 |
| 15 | OIL | 1" 1/4 G | 20...80 |
| 16 | OIL | 1" 1/2 G | 30...100 |

FLOWRATE

| | |
|---|------------------|
| S | Standard |
| C | Custom (min-max) |

SENSORS

| | |
|---|-----------|
| 1 | 1 SENSOR |
| 2 | 2 SENSORS |

TYPE OF CONTACT SENSOR S1

| | |
|---|-----------------------------------|
| A | SPST CLOSED IN ABSENCE |
| B | SPST CLOSED IN PRESENCE |
| C | SPDT |
| D | SPST CLOSED IN ABSENCE GREEN LED |
| E | SPST CLOSED IN ABSENCE RED LED |
| F | SPST CLOSED IN PRESENCE GREEN LED |
| G | SPST CLOSED IN PRESENCE RED LED |

VABLE LENGHT SENSOR S1

| | |
|---|-----------------------|
| S | Standard 1500 mm |
| L | On request (..... mm) |

TYPE OF CONTACT SENSOR 2

| | |
|---|-----------------------------------|
| A | SPST CLOSED IN ABSENCE |
| B | SPST CLOSED IN PRESENCE |
| C | SPDT |
| D | SPST CLOSED IN ABSENCE GREEN LED |
| E | SPST CLOSED IN ABSENCE RED LED |
| F | SPST CLOSED IN PRESENCE GREEN LED |
| G | SPST CLOSED IN PRESENCE RED LED |

VABLE LENGHT SENSOR S2

| | |
|---|-----------------------|
| S | Standard 1500 mm |
| L | On request (..... mm) |

| | | | | | | | | |
|--------|---|---|---|---|---|---|---|----------------------------------|
| RIV600 | 4 | S | 2 | B | S | A | S | Example: RIV600-4-S-2-B-S-A-S |
|--------|---|---|---|---|---|---|---|----------------------------------|