

## HONSBERG - UR1 SERIES FLOW SWITCH

Paddle

UR1-020GM  
FLOW.SW. 5-6l/min.G3/4

- Switching range 1,3..35 l/min
- Water (oils, gases and aggressive media available on request)
- G $\frac{3}{8}$ " up to G2"
- Brass or stainless steel wetted parts
- Max pressure 25 bar



### PRODUCT DESCRIPTION

The Honsberg UR1 is a simple flow switch which can easily be adjusted and also changed from normally open to normally closed. The flow switch works via a spring-supported paddle which moves according to the flow and when the specific flow is reached a magnetic reed switch is activated.

### SPECIAL VERSIONS

- Plastic materials
- Weld/solder connection
- High volume OEM version
- Ex
- Switching ranges for oil or gas
- Special values
- High volume OEM version
- PVC (solder fitting)

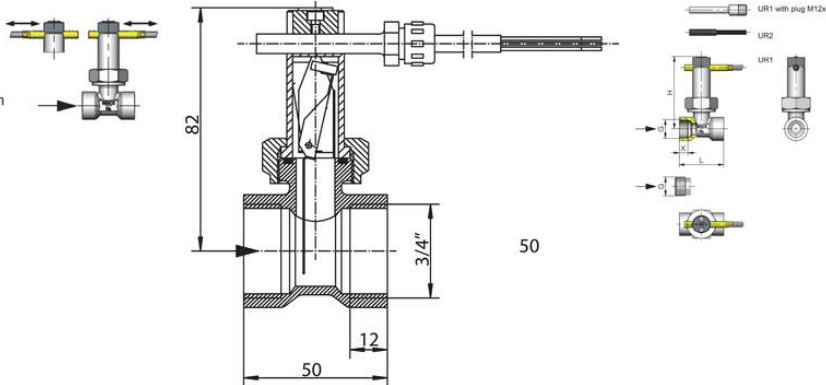
### SPECIFICATIONS

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| <b>Contact Rating Max</b>     | 50 A                                                    |
| <b>Flow Max l/min Double</b>  | 40 l/min                                                |
| <b>IP Class</b>               | IP65                                                    |
| <b>Material breaker body</b>  | Hard ferrite                                            |
| <b>Material of body</b>       | Nickel-plated brass, Stainless steel 303                |
| <b>Material of connection</b> | Nickel-plated brass                                     |
| <b>Material of seals</b>      | NBR                                                     |
| <b>Materials Paddle</b>       | Stainless steel 301                                     |
| <b>Materials Wetted Parts</b> | Nickel-plated brass, Stainless steel, Hard ferrite, NBR |

|                                 |               |
|---------------------------------|---------------|
| Pressure Range Max              | 25 bar        |
| Temperature range of media from | 20 °C         |
| Temperature range of media to   | 110 °C        |
| Type of flow component          | Flow Switches |
| Weight                          | 0.35 kg       |
| Viscosity                       | 1 cSt         |
| Voltage AC max                  | 230 V         |

#### Adjustment

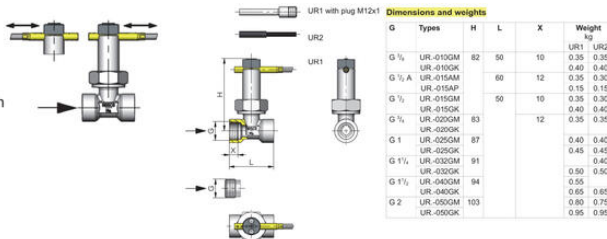
UR1 - loosen bolts, push the switching current tube into the desired position. Retighten the bolts.  
Normally closed (n.c.) or normally open (n.o.) as per table "Technical data"



| Dimensions and weights |          |     |    |    |              |
|------------------------|----------|-----|----|----|--------------|
| G                      | Types    | H   | L  | X  | Weight<br>kg |
| G 1/4                  | UR-010GM | 82  | 50 | 10 | UR1 0.35     |
|                        | UR-010GK |     |    |    | UR2 0.40     |
|                        | UR-015AM | 60  | 12 |    | 0.35 0.30    |
|                        | UR-015AP |     |    |    | 0.15 0.15    |
| G 1/2                  | UR-015GM | 50  | 10 |    | 0.35 0.30    |
|                        | UR-015GK |     |    |    | 0.40 0.40    |
| G 3/4                  | UR-020GM | 83  | 12 |    | 0.35 0.35    |
|                        | UR-020GK |     |    |    | 0.40 0.40    |
| G 1                    | UR-025GM | 87  |    |    | 0.45 0.45    |
|                        | UR-025GK |     |    |    | 0.40 0.40    |
| G 1 1/4                | UR-030GM | 91  |    |    | 0.50 0.50    |
|                        | UR-030GK |     |    |    | 0.55 0.55    |
| G 1 1/2                | UR-040GM | 94  |    |    | 0.65 0.65    |
|                        | UR-040GK |     |    |    | 0.75 0.75    |
| G 2                    | UR-050GM | 103 |    |    | 0.85 0.85    |
|                        | UR-050GK |     |    |    | 0.95 0.95    |

#### Adjustment

UR1 - loosen bolts, push the switching current tube into the desired position. Retighten the bolts.  
Normally closed (n.c.) or normally open (n.o.) as per table "Technical data"



| Dimensions and weights |          |     |    |    |              |
|------------------------|----------|-----|----|----|--------------|
| G                      | Types    | H   | L  | X  | Weight<br>kg |
| G 1/4                  | UR-010GM | 82  | 50 | 10 | UR1 0.35     |
|                        | UR-010GK |     |    |    | UR2 0.40     |
|                        | UR-015AM | 60  | 12 |    | 0.35 0.30    |
|                        | UR-015AP |     |    |    | 0.15 0.15    |
| G 1/2                  | UR-015GM | 50  | 10 |    | 0.35 0.30    |
|                        | UR-015GK |     |    |    | 0.40 0.40    |
| G 3/4                  | UR-020GM | 83  | 12 |    | 0.35 0.35    |
|                        | UR-020GK |     |    |    | 0.40 0.40    |
| G 1                    | UR-025GM | 87  |    |    | 0.45 0.45    |
|                        | UR-025GK |     |    |    | 0.40 0.40    |
| G 1 1/4                | UR-030GM | 91  |    |    | 0.50 0.50    |
|                        | UR-030GK |     |    |    | 0.55 0.55    |
| G 1 1/2                | UR-040GM | 94  |    |    | 0.65 0.65    |
|                        | UR-040GK |     |    |    | 0.75 0.75    |
| G 2                    | UR-050GM | 103 |    |    | 0.85 0.85    |
|                        | UR-050GK |     |    |    | 0.95 0.95    |