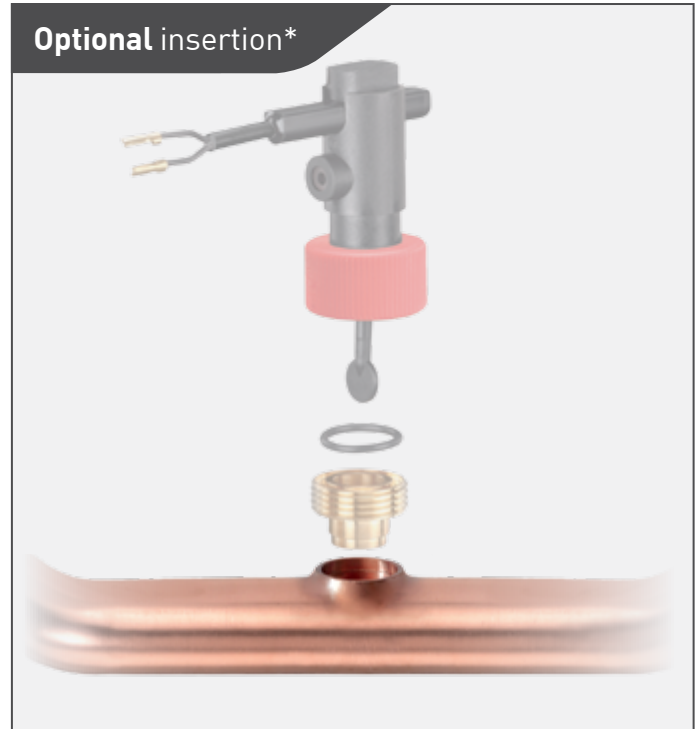
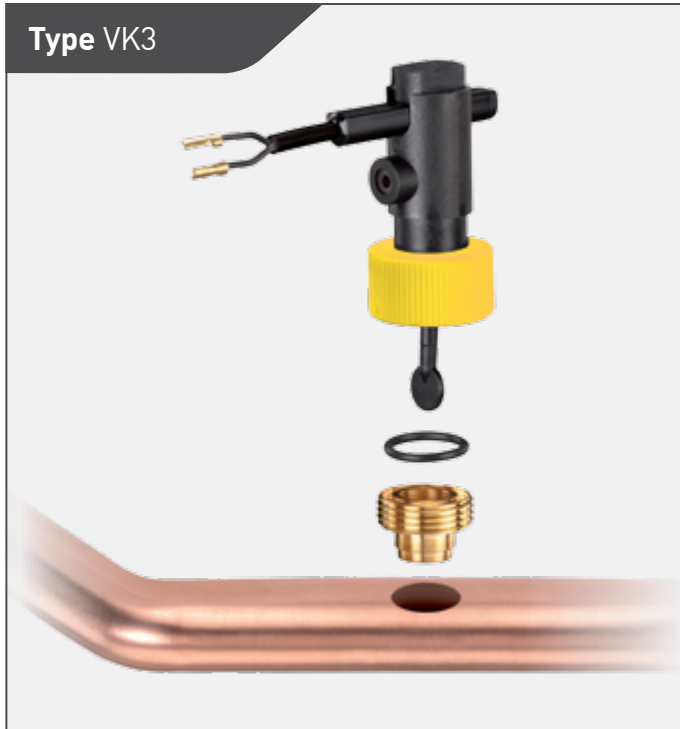



Flow switches made of plastic

With soldering adapter for copper pipes



| Technical data | |
|---|--|
| Switching function | Contact → closes at increasing flow → opens at decreasing flow |
| Pressure rating | Max. 160 psi |
| Temperature ranges | |
| Medium | -13...212 °F |
| Ambient | -13...158 °F |
| Electrical data | |
| Electrical connection | 5/9 inch PVC jacket cable |
| Switching current | Max. 1 A |
| Switching voltage | Max. 230 VAC, 48 VDC |
| Rating | Max. 26 VA, 20 W |
| Degree of protection EN 60529 | IP65 |
| Approvals | |
|  <ul style="list-style-type: none"> • UL 508 • UL 353 • CSA C22.2#14-10 | |

* Insertion into collared copper pipes
Set points can differ

Advantages

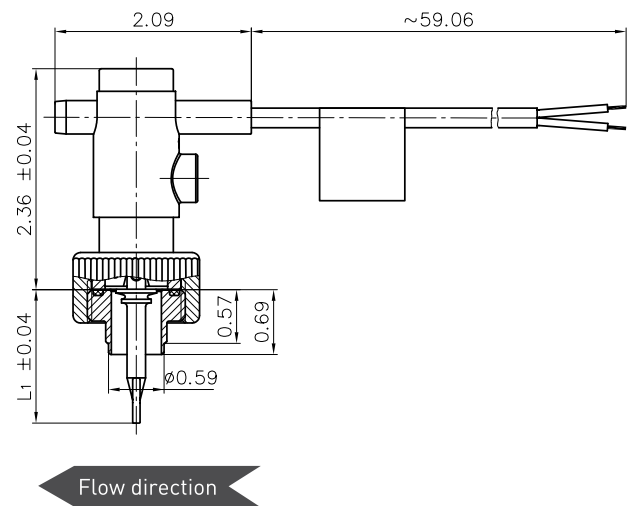
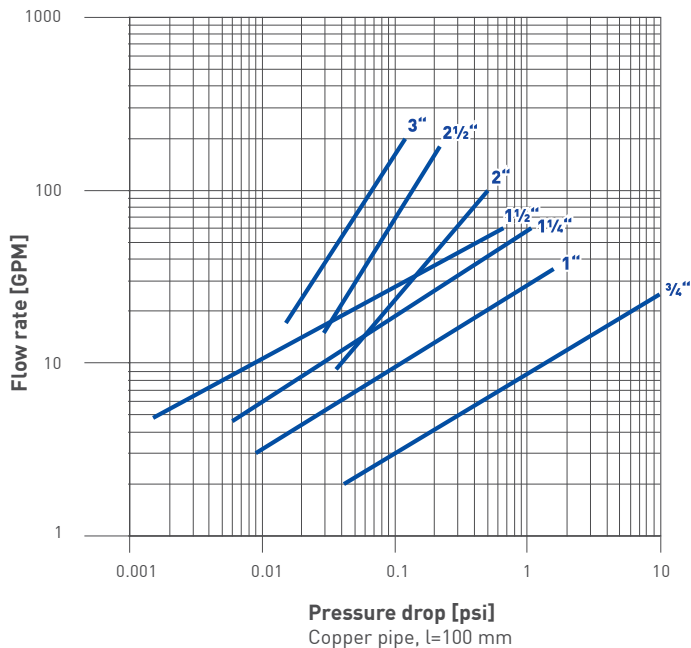
- Direct installation into copper pipes
- Easy installation:
 - Solder the adapter
 - Install the O-ring
 - Tighten the union nut
- Delivery incl. flow switch, O-ring and soldering adapter
- Paddle lengths for copper pipes $\varnothing \frac{3}{4} \dots 3''$
- Different colors of the union nut for an easy distinction

| Options | |
|------------|--|
| For type | On request |
| VK3 | <ul style="list-style-type: none"> → Special setpoints → Reversed switching function → Insertion into collared copper pipes |

| Order code | Color union nut | For copper pipes | Setpoints [GPM]* | | Max. flow rate [GPM] |
|----------------|-----------------|------------------|----------------------|---------------------|----------------------|
| | | | Increasing flow** ON | Decreasing flow OFF | |
| VK320M0P1CPD21 | ● | 3/4" | 2.2 | 2.0 | 25 |
| VK325M0P1CPD21 | ● | 1" | 3.3 | 3.0 | 35 |
| VK332M0P1CPD21 | ● | 1 1/4" | 5.1 | 4.6 | 60 |
| VK340M0P1CPD21 | ● | 1 1/2" | 5.4 | 4.8 | 60 |
| VK350M0P1CPD21 | ● | 2" | 9.6 | 9.2 | 100 |
| | | 2 1/2" | 16.2 | 15.7 | 180 |
| VK380M0P1CPD21 | ● | 3" | 17.6 | 16.9 | 200 |

* Water, 68 °F, horizontal pipe, tolerance ±15 %

** Typical value



Dimensions [inch]

| Order code | Paddle length L ₁ |
|----------------|------------------------------|
| VK320M0P1CPD21 | 1.30 |
| VK325M0P1CPD21 | 1.42 |
| VK332M0P1CPD21 | 1.63 |
| VK340M0P1CPD21 | 1.87 |
| VK350M0P1CPD21 | 2.2 |
| VK380M0P1CPD21 | 3.1 |

Materials in contact with fluid

| | |
|-------------------|---|
| Body | PPE+PS Noryl™ 30 % glass fiber reinforced |
| Paddle | PPE+PS Noryl™ 30 % glass fiber reinforced |
| Soldering adapter | Brass CW614N |
| Magnet | Hard ferrite |
| O-ring | NBR |