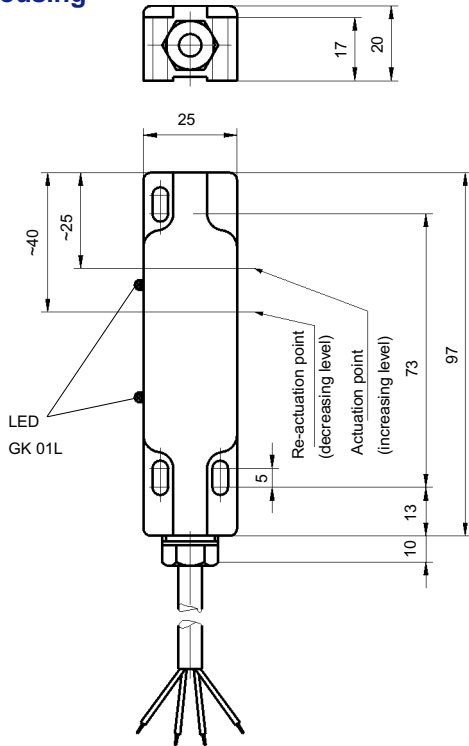
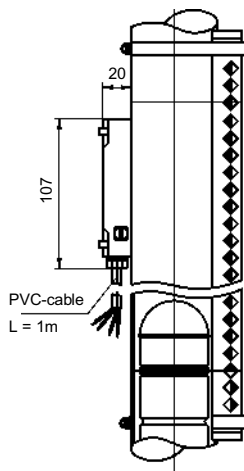


Limit Switches GK 01/GK 01L/GK 02/GK HT1

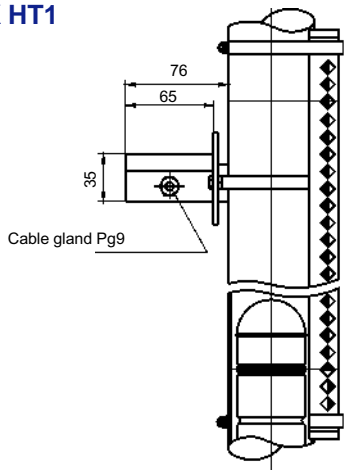
GK-Housing



GK 02



GK HT1



Description

Apart from the GK HT1 which has a microswitch, all other limit switches have bi-stable reed contacts.

As the float rises with the liquid level the magnet system will switch-over the contact. This contact status will remain until the float passes again and the switch status returns to its original position.

During installation the contact status can be set with a ring magnet or the float.

The limit switches are designed for quick and easy installation; only a screw driver is needed to tighten the stainless steel clamps. They can be mounted in any position around the bypass tube, however the cable direction should preferably be downward.

The switch hysteresis depends on the position of the switch on the bypass tube and is smallest when the switches are installed closely along the indication rail.

Technical Data:

GK 01 Limit switch
Housing: Aluminum, completely potted
Cable: Silicone isolation, 4 x 1,5 mm², length 1 m, other lengths on request
Protection class: IP65
Contact rating: 220 V AC / 1 A / 60 VA, 220 V DC / 1 A / 40 W
Temperature limits: -55 °C...140 °C

GK 01L Limit switch with red and green LED indicating the switch over status
Housing: Aluminum, completely potted
Cable: PVC isolation, 5 x 0,5 mm², length 1 m, other lengths on request
Protection class: IP65
Contact rating: 24 V DC / 1A / 40 W
Temperature limits: -25 °C...80 °C

GK 02 EEx d Limit switch; PTB No Ex-82/1085
Housing: Aluminum, completely potted
Cable: PVC isolation, 4 x 0,5 mm², length 1 m, other lengths or versions on request
Protection class: IP65 and EEx d IIC T6
Contact rating: 220 V AC / 0,6 A / 30 VA, 220 V DC / 0,4 A / 20 W
Temperature limits: -25 °C...75 °C

GK HT1 Limit switch for high temp. with SPDT switch
Housing: Aluminum 65 x 65 x 40 mm, PG9 cable gland
Protection class: IP65
Contact rating: 220 V AC / 1 A / 80 VA
Temperature limits: -55 °C...350 °C

When larger contact ratings are needed as the reed contacts allow, (60 VA and 30 VA for EEx)relays must be used.

When frequent changing process requirements make a permanent contact position difficult to handle we recommend to order our trip amplifier UAS 3 with 4...20 mA output, which enables set point changes by touching a key pad and many additional features.