

## Flow Switch HNK tight sealing non-return flap

### Description :

Flange-type housing, rectangular profile, made of gray cast-iron casting GG40, protection against corrosion internal and external epoxy EKB blue to RAL 5015 coated.

Internal components stainless steel, Seals elastomer, enclosed, Bolts stainless steel A2, Shaft bearing brass bushes.

### Comprehensive scope of supply :

- on one side, JLSO- Contact system ZQ is fitted on the shaft and the other side exists with weight-loaded lever. On the right-hand side, viewed in the direction of flow (on the normal version), a lever with counterweight. The sliding weight is retained by means of a locking screw and must not be adjusted.

### Mode of Operation:

- if liquid media flows through the housing, the flap is raised corresponding to the flow rate and the contact is actuated.
- The contact is set at the factory to the lowest switchable flow rate.
- If it is intended to change the setting, slacken the knurled screw on the cam plate

Nominal size DN	Pressure rating PN	testing pressure		operating pressure max. temperature 70° C
		body	int. comp.	
50 - 300	16	24	16	16
80, 200 - 300	10	15	10	10

### Installation and operating instructions

The flow switch must be installed in an horizontal line (on the normal version). Before installation, flush the line in order to prevent the accumulation of foreign bodies in the flap and housing. The mobility of the flap can be checked by hand by actuating weight lever.

The Contact system, consisting of a mercury contact 6A 230V, in application of a normally open contact which opens in the case of reduced flow, is accommodated inside the indicating and display housing.



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### Replacement parts

Replacement parts can be requested on the basis of the replacement parts list number 4H1 702-1 specifying the order number in accordance with the nameplate.

#### Flow Switch HNKZQ



Vertical Installation

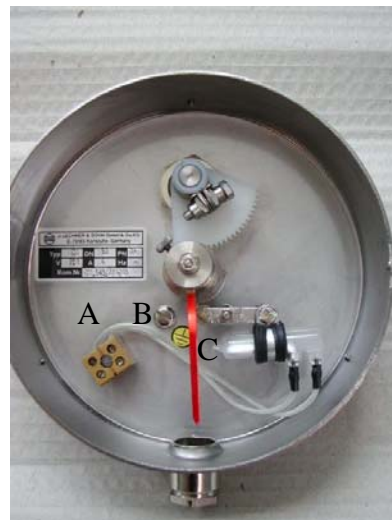
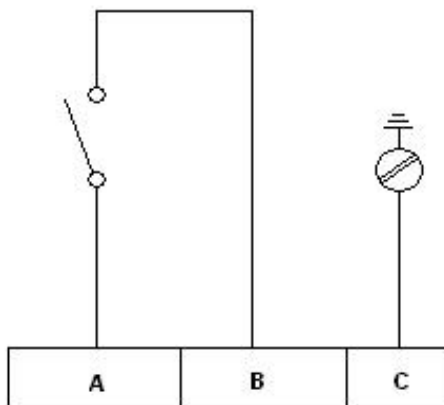


Horizontal Installation



### Connection schedule

The contact-system is 1-pole mercury contact suitable for max. 230 V AC, 6A or max. 110V DC, 2,5A



cable 3x1,5 mm<sup>2</sup>