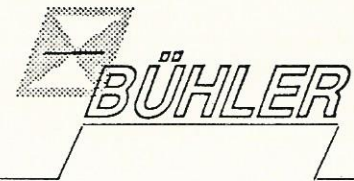


Level switch NS 1/GFK-MS



Description:

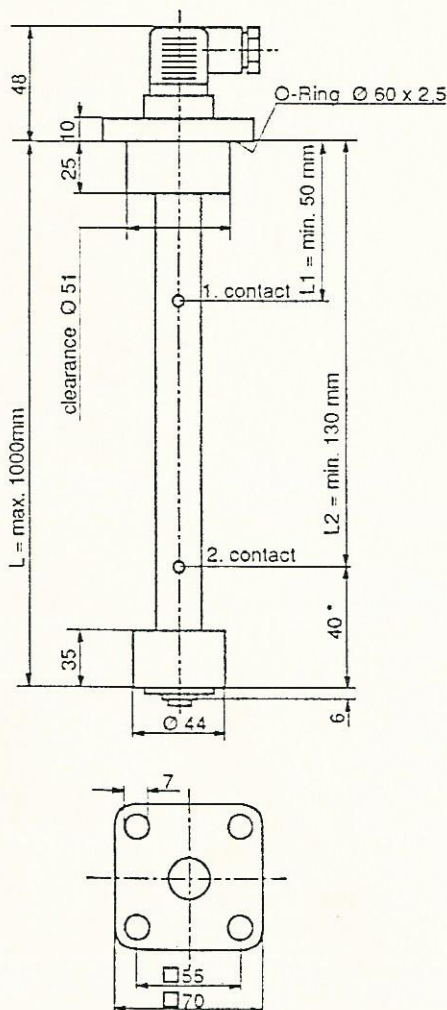
High system reliability and low maintenance costs are important factors for the operation of modern fluid power and lubrication systems. Thus the electrical control of liquid levels has become an important standard for these systems.

Bühler level switches Type NS 1/GFK-MS are a very favorable solution for these requirements. The employed materials (fibre reinforced plastics, hard-PU and brass) have good mechanical properties and are compatible with the fluids in use. Bistable reedcontacts with high contact performance are attached to the flexible mounting bar inside the contact tube.

Hole spacings of 10 mm enable the arrangement of contacts in heights of 10 mm steps if the system needs unforeseen adjustments. This device also gives the opportunity to change the switching function of the contacts. Of course these manipulations can be performed at any time without having to disassemble the entire unit.

Please indicate with order

- number and function of contacts: change over, falling opening or falling closing
- length of contact tube L, points of contact L1, L2 etc.

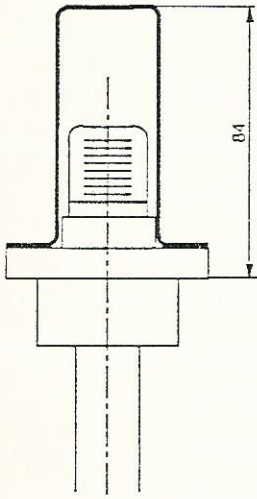


technical data

operating pressure	1 bar
type of contact	reed contact bistable
contact function (see details overleaf)	falling closing falling opening change over
cable connector	see details overleaf
protection class	IP 65
material: flange	GFK
contact tube	brass
float	hard-PU
lowest spec. gravity	min. 0,8 kg/dm ³
max. operating temperature	+ 80 °C
weight with 1000 mm tube	appr. 0,5 kg
Accessories:	
protection cover	
O-Ring	60 x 2,5

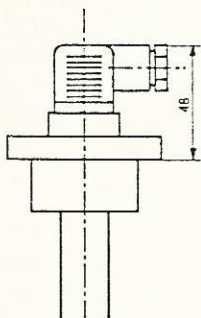
* 80 mm if thermocontact or PT 100 / BTS sensors are required.

level contacts	K 6	W 7		
- max. operating voltage	220 V AC / DC	220 V AC / DC		
- max. current	1 A	1 A		
- max. contact load	100 VA / 55 W	80 VA / 40 W		
thermo contact	167	171	367	371
- max. operating voltage	220 V AC	220 V AC	220 V AC	220 V AC
- max. current	2 A	2 A	2 A	2 A
- max. contact load	440 VA	440 VA	440 VA	440 VA
- switching point	60 °C opening	60 °C closing	70 °C opening	70 °C closing
- hysteresis	ca. 15 °C	ca. 15 °C	ca. 15 °C	ca. 15 °C
temperature sensor	PT 100	BTS		
- tolerance	± 0,8 °C	± 1,4 °C	To convert PT 100 or BTS signals please use our display and control units.	



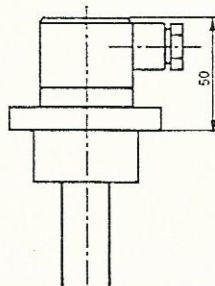
protection cover
(not available for NS 1 / GFK-MS-C7)

We reserve the right to amend specification



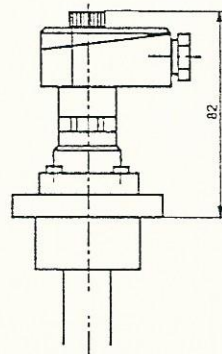
NS 1 / GFK - MS - M3

max. no. of contacts
without temp. 2 x K6 o. 1 x W7
with temp. 0 x K6 o. 0 x W7



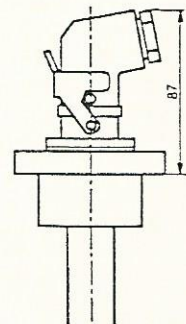
NS 1 / GFK - MS - S 6

max. no. of contacts
without temp. 5 x K6 o. 2 x W7
with temp. 3 x K6 o. 1 x W7



NS 1 / GFK - MS - C 6 F

max. no. of contacts
without temp. 5 x K6 o. 2 x W7
with temp. 3 x K6 o. 1 x W7



NS 1 / GFK - MS - C 7

max. no. of contacts
without temp. 6 x K6 o. 3 x W7
with temp. 4 x K6 o. 2 x W7