

Level switch NS OM-64ej-KS

easyjust



The level switch NS OM-64ej-KS series has been designed for systems that require visual and electrical control of the liquid level. The magnet is placed in the visual indicator to avoid a magnet field close to the liquid hence the unit is perfectly suitable for the control of coolants contaminated with ferrous chips.

The new Bühler “easyjust” system simplifies the adjustment of level contacts. The system consists of level contact cartridges that clip onto a gold plated contact board. This board can accommodate up to four contact cartridges without wiring. Also the function of the contacts (normally closed or normally open) is changeable easy.

The interface with the tank top is by a flange according to DIN 24557 part 2.

- **applicatively for cooling lubricant**
- **visual and electrical monitoring**
- **adjustable level contacts**
- **bistable level contacts = only one float**
- **high float sensitivity**
- **international standard flange dimensions**
- **easy installation**
- **maintenance free**

technical data

operating pressure	max. 1 bar
operating temperature	max. 80 °C
spec. gravity of float	min. 0,8 kg/dm ³

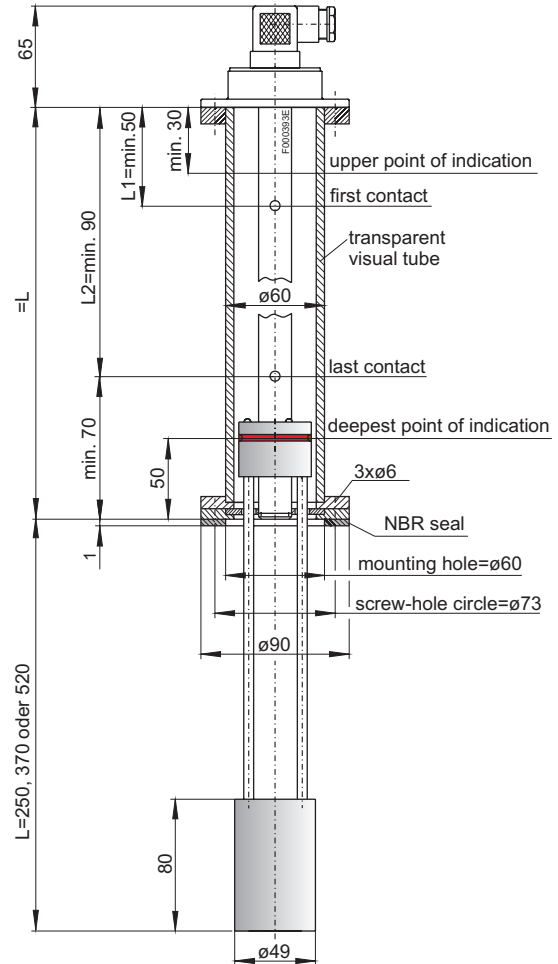
material:

float SK 914	hard PU
switch tube	brass
flange	PA 6

level contacts **NC / NO* or change over**

min. distance of contact	40 mm
max. voltage	24 V
max. current	0,5 A
contact load	10 VA

* **NC** = normally closed / **NO** = normally open all figures at **empty reservoir**



connectors

other connectors upon request

protection class cable gland

max. no of level contacts

connectors	M3	S6	M12
other connectors upon request	3 pol. + PE DIN 43650	6 pol. + PE DIN 43651, Teil 2	4 pol.
protection class cable gland	IP 65 PG 11	IP 65 M20 x 1,5	IP 67** PG 7** ** with plug fixed
max. no of level contacts	2 x NC/NO 1 x Wechsler	4 x NC/NO 2 x Wechsler	2 x NC/NO 1 x Wechsler

order information (part-no)

NS OM-64-ej-KS-S6 , with connector S6

	1x NC/NO	2x NC/NO	3x NC/NO	4x NC/NO	1x change over	2x change over
L=250mm	1006411250	1006412250	1006413250	1006414250	1006418250	1006419250
L=370mm	1006411370	1006412370	1006413370	1006414370	1006418370	1006419370
L=520mm	1006411520	1006412520	1006413520	1006414520	1006418520	1006419520

NS OM-64-ej-KS-M12 , with connector M12

	1x NC/NO	2x NC/NO	1x change over
L=250mm	1006421250	1006422250	1006428250
L=370mm	1006421370	1006422370	1006428370
L=520mm	1006421520	1006422520	1006428520

NS OM-64-ej-KS-M3 , with connector M3

	1x NC/NO	2x NC/NO	1x change over
L=250mm	1006441250	1006442250	1006448250
L=370mm	1006441370	1006442370	1006448370
L=520mm	1006441520	1006442520	1006448520

According to the part no indicate length L1 to max. L4 and function of contact(s): NC for normally closed or NO for normally open.
For level switch with change over contact (s) indicate only L1 (and L2) additional to the part no.