

NS-OM-61/63

NS-OM-61/63

- Visual and electrical liquid level monitoring
- Max. voltage 230 V
- Variable lengths
- Version NS-OM-63 with analog output 4-20 mA for continuous liquid level control



NS-OM-64-EasyJust

NS-OM-64

- Visual and electrical liquid level monitoring
- Easy Just System: user-optimized adjustability of cordless level contacts
- Fixed length 280, 370, 500 mm



NS-OM-VA

NS-OM-VA

- Visual and electrical liquid level monitoring
- Max. supply voltage 230 V
- Stainless steel option for harsh environment
- Level contact mounted and adjustable outside



Technical data

NS OM-61, 63, 64

Basic unit

max. operating pressure 1 bar
 operating temperature -20 °C to +80 °C
 min. spec. gravity 0.80 kg/dm³

Material

float hard PU
 guide bar aluminium
 switching tube brass
 flange (DIN 24557) PA
 stilling tube (option) brass

Type

lengths **61**
 L = 280, 370, 500 (standard)
 variable up to max 1000

Level contacts

function	K10	W11
max. voltage	230 V	48 V
max. current	0.5 A	0.5 A
max. contact load	10 VA	20 VA
min. distance of contact	40 mm	40 mm

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

easyjust

Type

lengths **64**
 L = 280, 370, 500

Level contacts

function	K = NO / NC* or W = change over
max. voltage	30 V
max. current	0.5 A
max. contact load	10 VA
min. distance of contact	40 mm

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

Type

lengths **63** (continuous level)
 L = 280, 370, 500, 670, 820 and 970*

measuring resistor

resolution reed-contact
 5 mm
 operating voltage (U_B) 10 - 30 V DC
 output 4 - 20 mA
 load Ω max. = U_B - 7.5 V / (0.02 A)

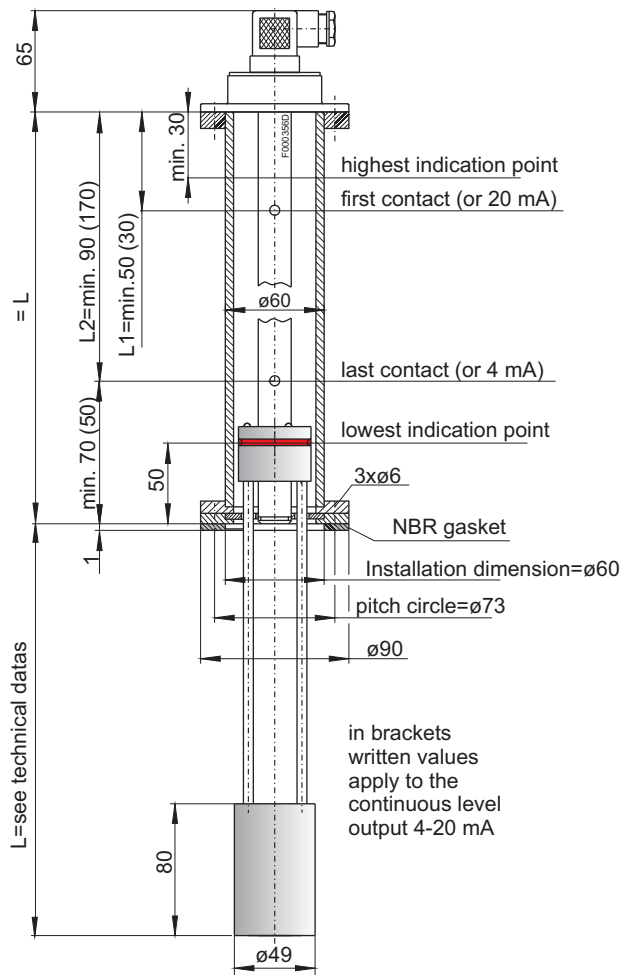
*other lengths on request

Option

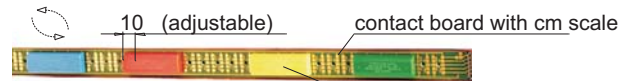
SSR - stilling tube

Included in the delivery

mounting bolts M5 (6 pieces) and GI cork-gasket



The Easyjust System



changing of contact function NO/NC by turning the contacts about 180°

wireless (bi-stable) level contacts function: NO or NC

Connector	M3 (DIN EN 175301-801) 3 pol. + PE 230 V AC/DC* IP 65 PG 11	S6 (DIN EN 175201-804) 6 pol. + PE 230 V AC/DC* IP 65 M20 x 1,5	M12 (base) 4 pol. 30 V DC IP 67**	2 x M12 (base) 2 x 4 pol. 30 V DC IP 67**IP 65 (only NS OM-61)
max. voltage protection class cable connection				
level contact(s) NO / NC				
level contact(s) Wechsler				
NS OM-63-KN (continuous level)				

* max. 48 V for change over contact / max. 30 V for NS-OM 64 / **with casted connector head / other connectors on request

Product code for NS OM-61, 64

NS OM-



Series NS OM-

Typ

61

64 Easy Just

Connector

M3

S6

M12

2x M12 (type 61 only)

Length (mm)

280

370

500

variable (max. 1000 mm only for type 61)

level contacts

1-4

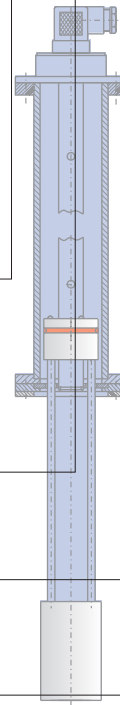
Level contact

K = NO/NC

W = change over

Option

SSR stilling tube



Product code for NS OM-63

NS OM-



Series NS OM-

Typ

63 (continuous level)

Resolution

5 mm

Connector

M3

M12

Length

280

370

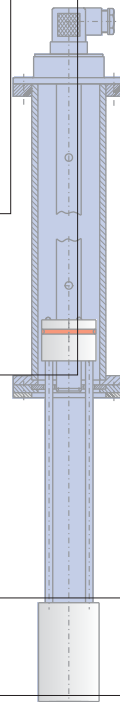
500

820

970

Option

SSR stilling tube



Example for order

You need: Visual and electrical monitoring of level length 600 mm with 2 contacts K10, 1st contact 100 mm NC, 2nd contact 420 mm NOr

You order: NS OM 61-S6-/ 600 - 2K L1=100 NC, L2 = 420 NO

Technical data

NS OM-VA

Basic unit

max. operating pressure	1 bar
operating temperature	-20 °C to +80 °C
min. density of fluid	0.80 kg/dm ³

Material

float SK 903	PU/Al/PP
immersion tube	1.4571
flange	1.4571
stilling tube	1.4571 (included in delivery)
sight glass	PC

Type

lengths mm	MKS 280, 370, 500 variable up to max 820
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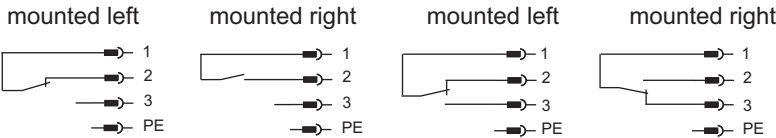
Contacts

	MKS-1/K	MKS-1/W
type	NC/ NO*	change over
function		
max. voltage	230 V AC/DC	230 V AC/DC
max. current	1 A	1 A
max. contact load	50 VA	40 VA
connector	3 pol. + PE	3 pol. + PE
protection class	M3 (DIN EN 175301-803)	M3 (DIN EN 175301-803)
part no.	IP65	IP65
other contacts on request	288 89 99	288 99 99

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

MKS-1/K

MKS-1/W

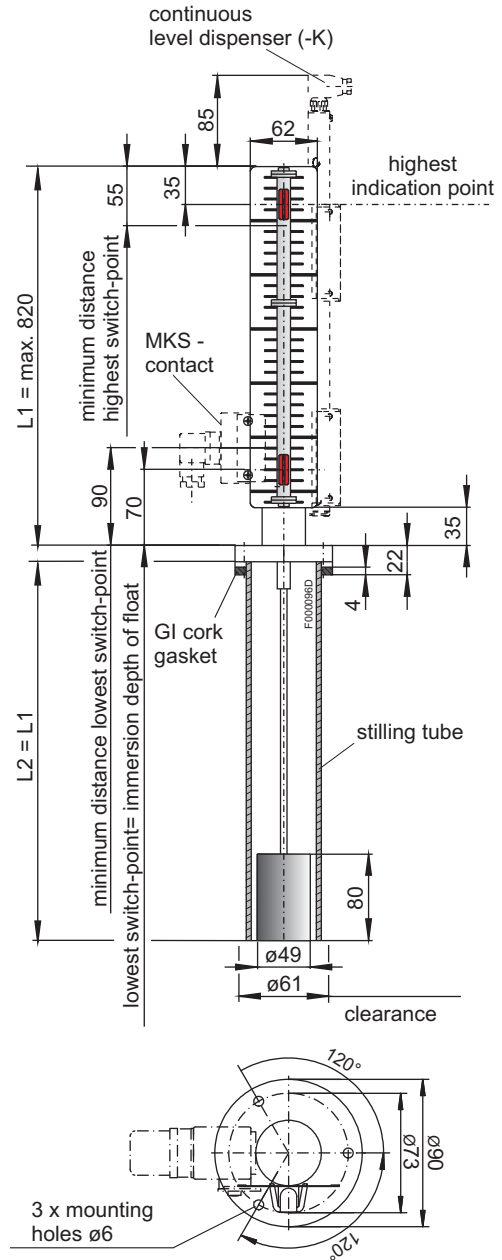
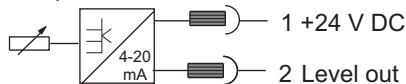


contact position at **empty reservoir**

Type

lengths	mm	K (continuous level measurement) 280, 370, 500, 670, 820*
	inch	11, 14.6, 19.7, 26.4, 32.3*
measuring resistor		reed-contact
resolution		5 or 10 mm (0.2 or 0.4")
operating voltage (U _B)		10 - 30 V DC
output		4 - 20 mA
load Ω max.		=(U _B - 7.5 V) / 0.02 A

*other lengths on request



Product code for NS OM-VA

Type	NS OM-VA-MKS	<input type="checkbox"/>
Length (max. 820 mm)		
280		
370		
500		
Variable (please specify)		

Type	NS OM-VA-K	<input type="checkbox"/>	<input type="checkbox"/>
5	continuous resolution 5 mm		
10	continuous resolution 10 mm		
Length (mm)			
280			
370			
500			
670			
820			

Example for order

You need: Visual and electrical level monitoring in stainless steel design (VA), length L= 600 mm and 2 x contact MKS 1/W

You order: NS OM-VA-MKS / 600 + 2 x contact MKS-1W (Part No: 288 99 99)

We reserve the right to amend specifications