

NS-OM-61/63

NS-OM-61/63

- visual and electric surveillance of the liquid level
- max. voltage 230 V
- variable lengths
- version NS-OM-63 with analogue output 4-20 mA for continuous liquid level control



NS-OM-64-EasyJust

NS-OM-64

- visual and electric level monitoring
- Easy Just System: user-optimized adjustability of cordless level contacts
- fixed length 280, 370, 500mm



NS-OM-VA

NS-OM-VA

- visual and electric 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

operating pressure max. 1 bar
 operating temperature -20 °C to +80 °C
 min. spec. density of fluid 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 fO / fC*	W11 change over
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	40mm

*fC= falling closer / fO = falling opener

Type

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

Level contacts

function **K** = fO / fC* or **W** = change over
 max. voltage 30 V
 max. current 0,5 A
 max. contact load 10 VA
 min. distance of contact 40 mm
 *fC= falling closer / fO = falling opener

Type

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

measuring resistor reed-contact
 resolution 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)

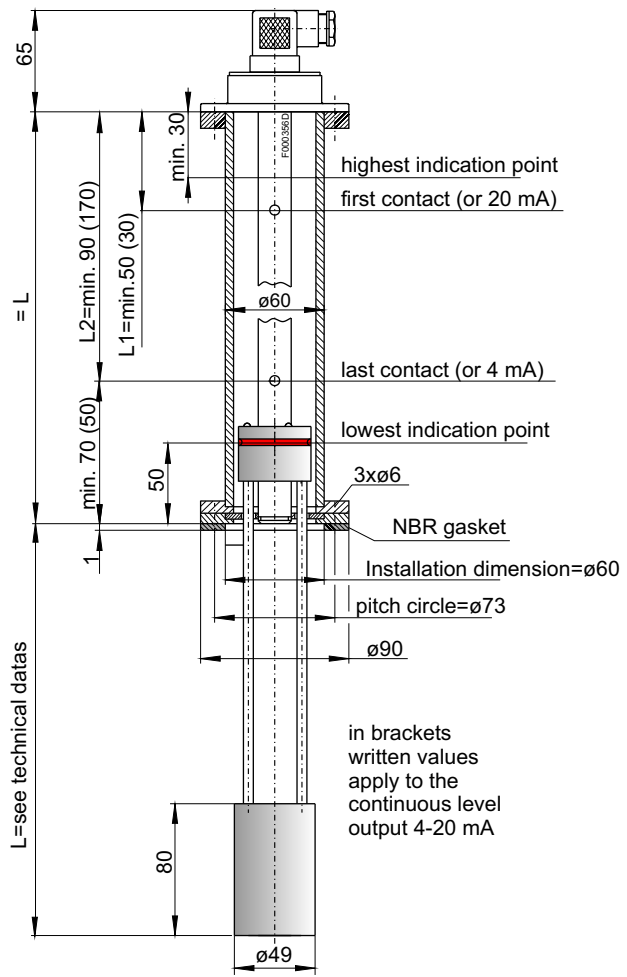
*other lengths on request

Option

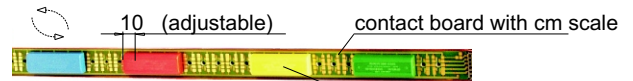
SSR - stilling tube

Included in the delivery

fixing bolts (6 pieces) and GI cork-gasket



Das Easyjust System



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

wireless (bi-stabile) level
 contacts function:
 falling closer (fC) or
 falling opener (fO)

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)				

Product code for NS OM-61, 64

NS OM-



Series NS OM-

Typ

61

64 Easy Just

Connector

M3

S6

M12

2M12 (only for type 61)

Length (mm)

280

370

500

variable (max. 1000 mm only for type 61)

Quantity level contacts

1-4

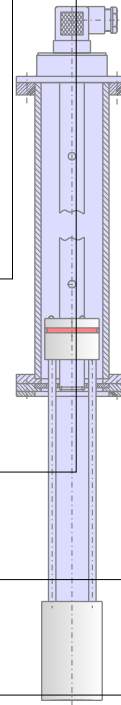
Level contact

K = opener / closer

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

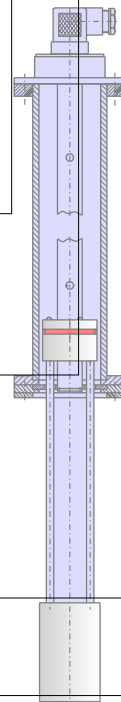
500

820

970

Option

SSR stilling tube



Example for order

You need: visual and electrical surveillance of level length 600 mm with 2 contacts K10, 1. contact 100 mm falling closer, 2. contact 420 mm falling opener

You order: NS OM 61-S6-/ 600 - 2K L1=100 fC, L2 = 420 fO

Technical data

NS OM-VA

Basic unit

operating pressure	max. 1 bar
operating temperature	-20 °C to +80 °C
min. spec. 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	MKS 280, 370, 500, variable up to max 820
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Contacts

type	MKS-1/K	MKS-1/W
function	fC / fO*	change over
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	IP65	IP65
part no.	288 89 99	288 99 99

on request other contacts

*fC= falling closer / fO = falling opener

MKS-1/K

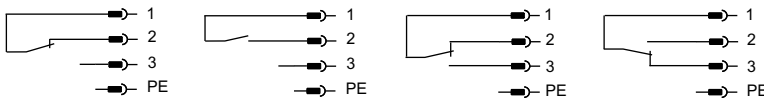
mounted left

mounted right

MKS-1/W

mounted left

mounted right

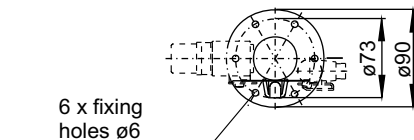
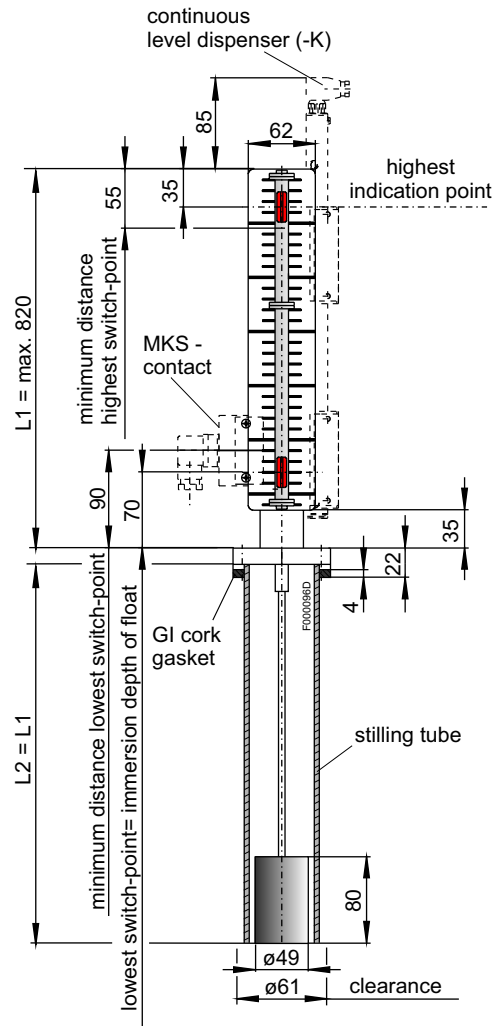
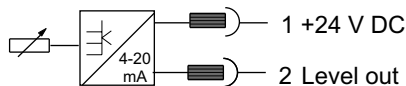


contact position at **empty reservoir**

Type

lengths	K (continuous level measurement) 280, 370, 500, 670, 820*
measuring resistor	reed-contact
resolution	5 or 10 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



For this version it is possible to mount MKS contacts on the left side of the display

Product code for NS OM-VA

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

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

Example for order

You need: visual and electric level monitoring in VA design, length L= 600 mm and 2 x contact MKS 1/W

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