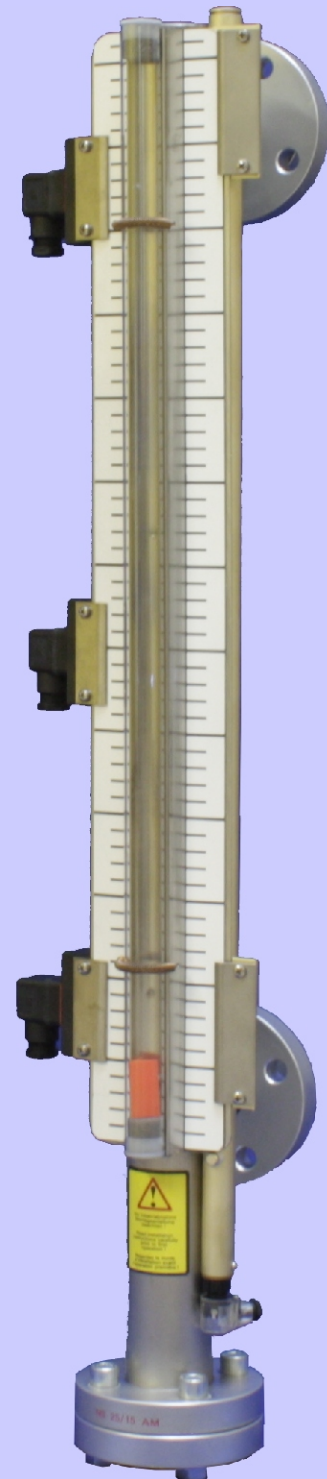


Level switch NS 64 / NS 100 ..-AM



Level switch NS for external installation

- Visual and electrical liquid level monitoring
- Pressure range up to 100 bar
- Adjustable level contacts
- Optional analog output 4-20 mA
- Visual indication with scale
- Robust design meets industrial standards
- Float with dynamic buoyancy
- Specials upon request

Technical data

NS 64 AM

Basic data

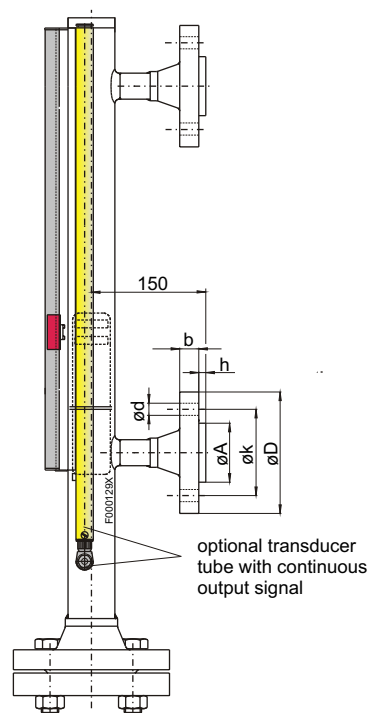
max. operating pressure	64 bar
max. operating temperature	50 °C
min. spec. density of fluid	0.85 kg/dm ³

Material

float SK596	plastic
stand pipe	1.4571
Flange	1.4541
sight glass	PC

Connector

flange DIN 2637	DN25
øD	140
øk	100
ød	18
b	22
øA	68
h	2
weight at L1=500 mm	approx. 22 kg
weight L1+ 100 mm	approx. 0.5 kg
Other designs on request	



appropriate level contacts see on page 4

Option

transducer tube	-K continuous level	O P T I O N
measurement principle	reed contact	
resolution	5 or 10 mm	
operating voltage (U _B)	10 - 30 V DC	
output	4 - 20 mA (nominal voltage 24 V DC)	
load Ω max.	(U _B - 7.5 V) / 0.02 A	

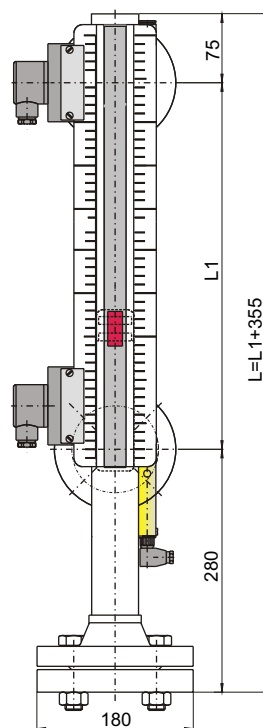
Accessories:

Part No.	
22 54 000	flange gasket 65/25x2 mm (DN25)
22 73 999	mounting bolts 8 x M16x70

Notes on the Pressure Equipment Directive:

The level switches were designed, manufactured and tested in accordance with the Pressure Equipment Directive 91/23/EU and the AD 2000 Code.

The category actually achieved by the level sensor is printed on the type plate. Depending on this category, comprehensive quality assurance is performed according to Module H and/or H1 standard.



Product code for NS 64

NS 64/25AM **SK596 /**

Length
L1 = ...mm

O	Option transducer tube
P	-K5 continuous, resolution 5 mm
T	-K10 continuous, resolution 10 mm

Example for order

You need: Level switch for external mounting, max. operating pressure 64 bar, with flange connector DN25, stub distance L1 = 1400 mm, with 2 change over contacts (see on page 4)

You order: NS 64/25-AM-SK596 / 1400
2 x Part No. 28 89 999; contact MKS - 1/W

Technical data

NS 100 AM

Basic data

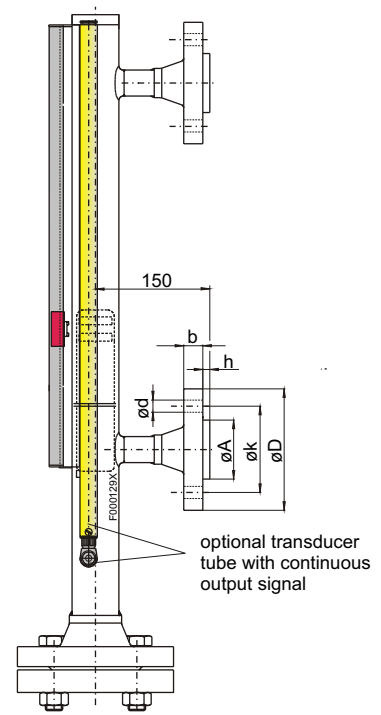
max. operating pressure	100 bar
max. operating temperature	50 °C
min. density of fluid	0.85 kg/dm ³

Material

float SK596	plastic
stand pipe	1.4571
Flange	1.4541
sight glass	PC

Connector

flange DIN 2637	DN25
øD	140
øk	100
ød	18
b	22
øA	68
h	2
weight at L1=500 mm	approx. 25 kg
weight L1+ 100 mm	0.5 kg
Other designs on request	



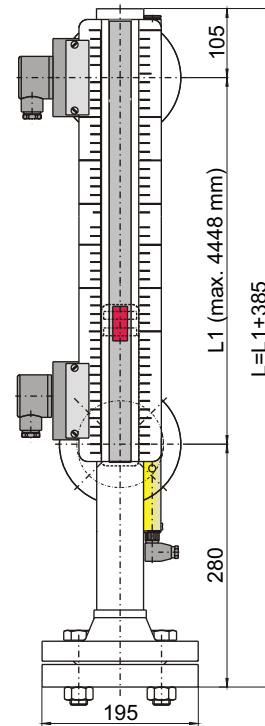
appropriate level contacts see on page 4

Option

transducer tube	-K continuous level	O P T I O N
measurement principle	reed contact	
resolution	5 or 10 mm	
operating voltage (U _b)	10 - 30 V DC	
output	4 - 20 mA (nominal voltage 24 V DC)	
load Ω max.	= (U _b - 7.5 V) / 0.02 A	

Accessories:

Part No.	
22 54 000	flange gasket 65/25x2 mm (DN25)
22 73 999	mounting bolts 8 x M16x70



Notes on the Pressure Equipment Directive:

The level switches were designed, manufactured and tested in accordance with the Pressure Equipment Directive 91/23/EU and the AD 2000 Code.

The category actually achieved by the level sensor is printed on the type plate. Depending on this category, comprehensive quality assurance is performed according to Module H and/or H1 standard.

Product code for NS 100

NS 100/25AM -SK596 /

O	Option	transducer tube
P	-K5	continuous resolution 5 mm
T	-K10	continuous resolution 10 mm

Length
L1 = ...mm

Example for order

You need: Level switch for external mounting, max. operating pressure 100 bar, with flange connector DN25, stub distance L1 = 1500 mm, continuous level output, resolution 5 mm and with 2 change over contacts (see on page 4)

You order: NS 100/25-AM-K5-SK596 / 1500
2 x Part. No. 28 89 999 contact MKS 1/W

Contacts for NS ..-AM

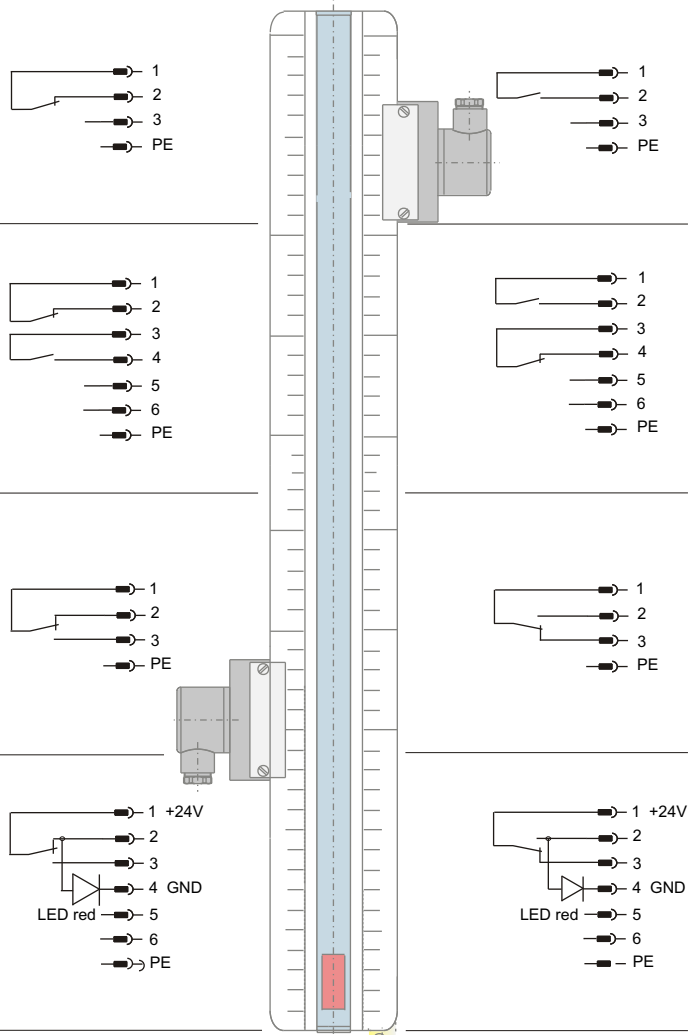
Pin assignment (contact position empty reservoir)

Type	MKS-1/K
function	NC / NO
max. voltage	230 V AC/DC
max. current	1 A
max. contact load	50 VA
connector	M3 (DIN EN 175301-803)
	3 pol. + PE
protection class	IP 65
Part No.	28 88 999

Type	MKS-2/K
function	2 x NC / NO
max. voltage	230 V AC/DC
max. current	1 A
max. contact load	50 VA
connector	S6 (DIN EN 175201-804)
	6 pol. + PE
protection class	IP 65
Part No.	28 91 999

Type	MKS-1/W
function	change over
max. voltage	230 V AC/DC
max. current	1 A
max. contact load	50 VA
connector	M3 (DIN EN 175301-803)
	3 pol. + PE
protection class	IP 65
Part No.	28 89 999

Type	MKS-1/W-L 24 V
function	change over with LED
max. voltage	24 V DC
max. current	1 A
max. contact load	25 VA
connector	S6 (DIN EN 175201-804)
	6 pol. + PE
protection class	IP 65
Part No.	28 90 999

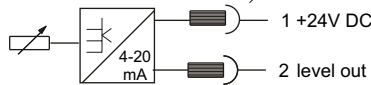


other contacts on request

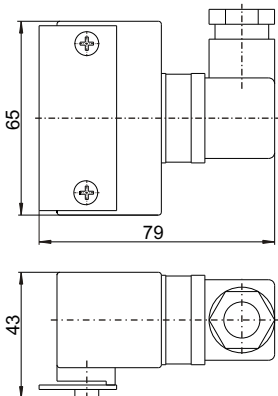
For operations in areas with strong vibrations we suggest to use contacts MKS-1/K and MKS-2K.

When mounting a transducer tube with continuous output signals you have to keep in mind that the mounting of contacts is possible only on the left side.

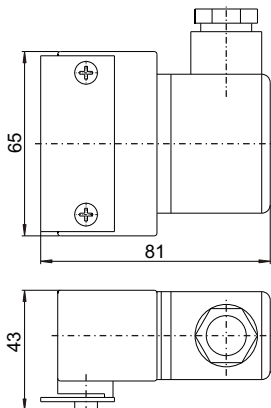
Pin assignment for AM-K with connector S3



**MKS 1/K
MKS 1/W**



MKS 2/K



MKS 1/W-L24V

