Level switch
NS 25/15 AM-DNV, NS 25/25 AM-DNV, NS 25 AM G1/2-DNV

Fluidcontrol

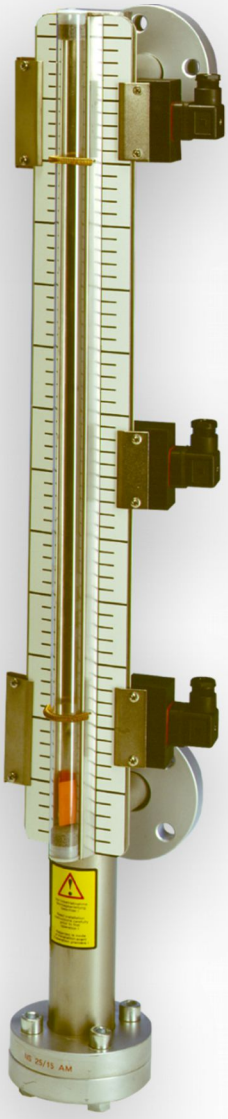
Level switches for external installation are used to monitor and control fluid levels primarily in closed tanks.

Marine applications are subject to harsher operating conditions. Therefore, the components and devices to be used must undergo a type approval test.

Det Norske Veritas (DNV) is an approved classification society with high quality standards specialised in the marine sector.

Each AM switch is equipped with a display, which is even easy to see from various lines of sight. The contacts can be infinitely adjusted on the scale plate. They are activated by the magnetic system integrated in the float. There is a large selection of contacts available for various applications.

Depending on the model, flanges or fittings can be used for the connection. The MKS-1/W-L-24V contact model is equipped with an LED.



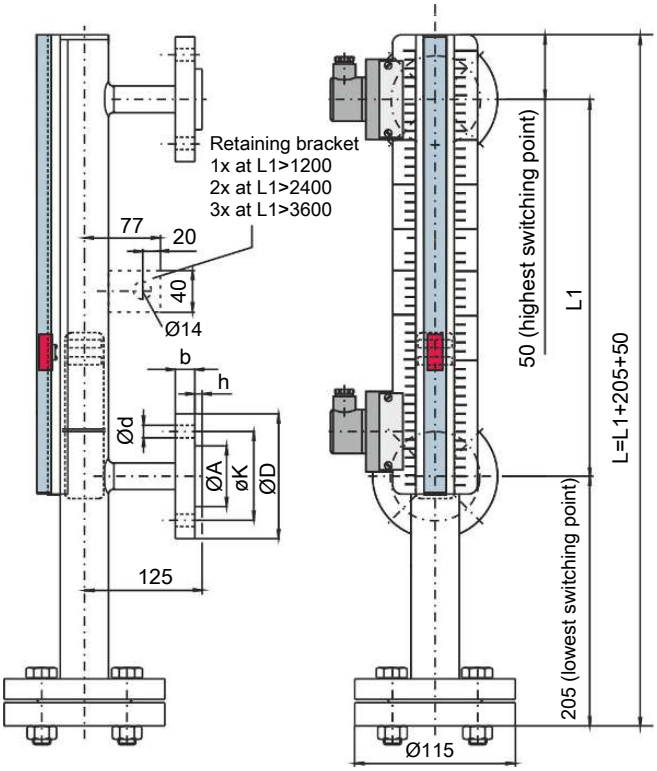
Level switches for external installation

DNV shipbuilding approval
Compact size
Variable connections
Visual display
Floats for various mediums
Practice-oriented contacts
Sturdy design
Plug-in contacts

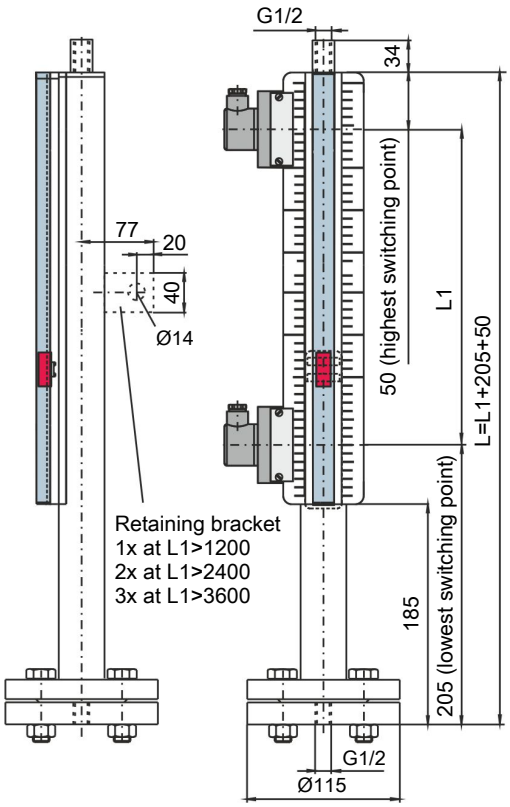
Bühler Technologies GmbH, Harkortstr. 29, D-40880 Ratingen
Tel. +49 (0) 21 02 / 49 89-0, Fax: +49 (0) 21 02 / 49 89-20
E-Mail: fluidcontrol@buehler-technologies.com
Internet: www.buehler-technologies.com

Technical Data

NS 25/15 AM-DNV and NS 25/25 AM-DNV



NS 25 AM G1/2-DNV



Attention! For adapter spacing over 1200 mm, additional retaining brackets are mounted to absorb vibration!

Technical Data		
DNV certification classes		
Temperature	C	
Vibration	A	
Humidity	B	
Housing	B	
Versions NS 25/15 AM-DNV; NS 25/25 AM-DNV; NS 25 AM G1/2-DNV		
Max. operating pressure	25 bar	
Max. operating temperature	+ 120 °C	
spec. Min. fluid weight	≥ 0.85 kg/dm³	
Material		
Float SK661	1.4571	
Riser	1.4571	
Flanges	St 52-3 galvanised	
Sight glass	PC	
Dimensions (in mm)		
NS...AM-DNV	**25/15**	**25/25**
Connecting flange (DIN 2656)	DN 15	DN 25
ØD	95	115
øK	65	85
Ød	14	14
b	16	18
ØA	45	68
h	12	14
Weight at L1=500 mm	9.5 kg	10.5 kg

Contacts

Type	MKS-1/K-M3	MKS-1/K-M12	MKS-1/W-M3
Contact type (bi-stable)	NC contact/NO contact	NC contact/NO contact	Changeover contact
Max. operating voltage	230 V AC/DC	24 V DC	230 V AC/DC
Max. contact load	50 VA	50 VA	50 VA
Max. switching current	1 A	1 A	1 A
Connector	3-pin + PE DIN EN 175301-803	4-pin DIN EN 61076-2-101	3-pin + PE DIN EN 175301-803
IP rating	IP65	IP65*	IP65
Item no.	2888999	2893999	2889999

*IP65 with cable box attached.

Type	MKS-1/W-M12	MKS-2/K-S6	MKS-1/W-L 24 V-S6
Contact type (bi-stable)	Changeover contact	NC contact/NO contact	Changeover contact
Max. operating voltage	24 V DC	230 V AC/DC	24 V DC
Max. contact load	50 VA	50 VA	50 VA
Max. switching current	1 A	1 A	1 A
Connector	4-pin DIN EN 61076-2-101	6-pin + PE	6-pin + PE
IP rating	IP65*	IP65	IP65
Item no.	2889899	2891999	2890999

*IP65 with cable box attached.

Accessories

Flange seal	25/15	25/25
Model	Ø 45/ Ø 22x2	Ø 68/ Ø 27x2
Item no.	2251000	2252000

Set of retaining screws with nuts	25/15	25/25
Model	8x) DIN931-M12x80	8x) DIN931-M12x80
Item no.	2272999	2272999

Ordering Instructions

When ordering, always specify the measurement L1 and the number and type of contacts!

NS... AM-DNV with SK661	25/15	25/25	25 AM G1/2
Item no.:	2001999DNV	2003999DNV	20115399DNV