

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

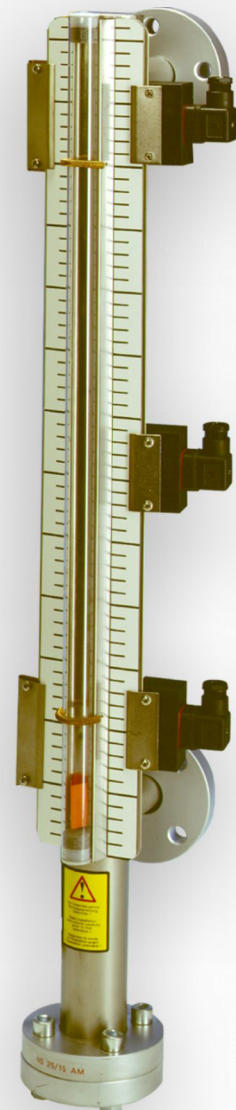
Visual display

Floats for various mediums

Practice-oriented contacts

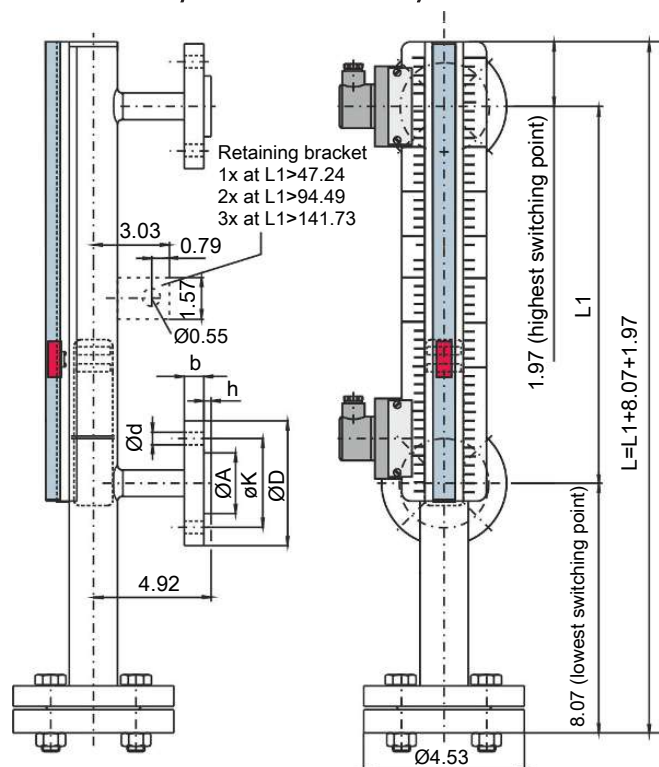
Sturdy design

Plug-in contacts

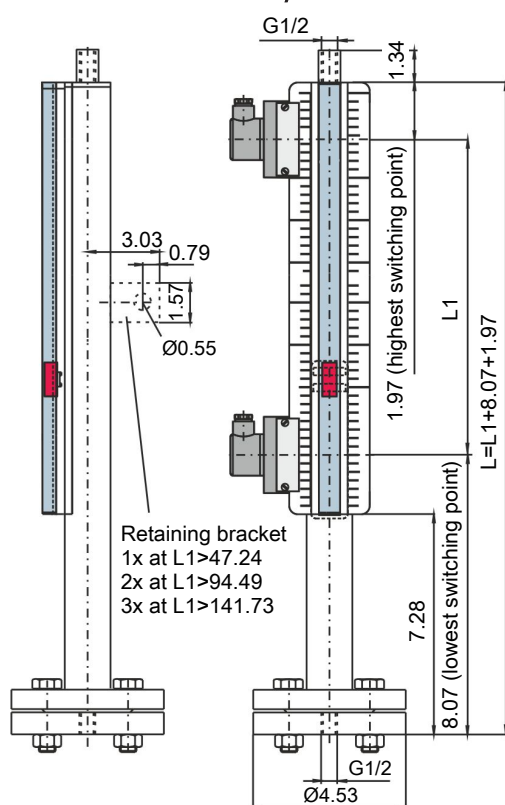


Technical Data

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



NS 25 AM G1/2-DNV



Attention! For adapter spacing over 1200 mm (47.24"), 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 (363 psi)
Max. operating temperature	+ 120 °C (248 °F)
spec. Min. fluid weight	≥ 0.85 kg/dm ³ (0.031 lb/in ³)

Material

Float SK661	1.4571
Riser	1.4571
Flanges	St 52-3 galvanised
Sight glass	PC

Dimensions (in inch)

NS...AM-DNV	25/15	25/25
Connecting flange (DIN 2656)	DN 15	DN 25
ØD	3.74	4.53
ØK	2.56	3.35
Ød	0.55	0.55
b	0.63	0.71
ØA	1.77	2.68
h	0.47	0.55
Weight at L1=19.69 inch	9.5 kg (21 lb)	10.5 kg (23 lb)

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