



LEVEL SWITCHES

FOR SHIPBUILDING,
 SHIP REPAIR AND
 PLANT ENGINEERING

- ✓ high quality and corrosion resistant materials
- ✓ integrated test button
- ✓ integrated temperature measurement (Pt 100)
- ✓ different process connections
- ✓ Shipbuilding / ATEX approvals

CONTACT

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**BUREAU
 VERITAS**

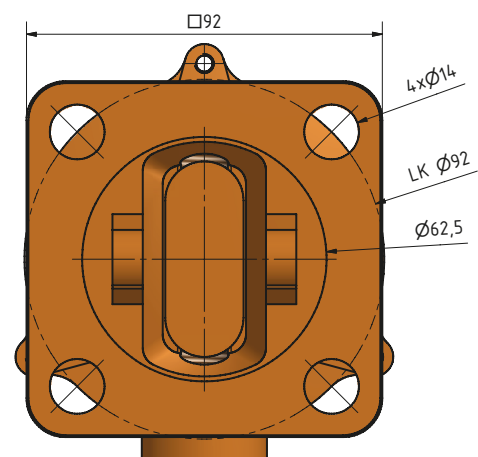
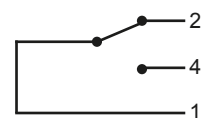
TECHNICAL DATA

materials	
housing	gun metal RG5 oder RG10
float unit	1.4571
flat seal	oil and sea water proofed Novapress
rubber seal	EPDM, NBR70
protection type	IP68 cable gland
approvals	DNV · GL Lloyd's Register Bureau Veritas Russian Register RINA ABS ATEX - IBExU
max. pressure	42 bar (floaters)
max. density	0,46 g/cm ³
max. temperature	-40°C...+125°C
ambient temperature	-40°C...+60°C (Exd-version)
mounting position	top or side
electrical connection	cable gland, M20x1,5, IP68
contact mode	SPDT
weight	ca. 3,5 kg

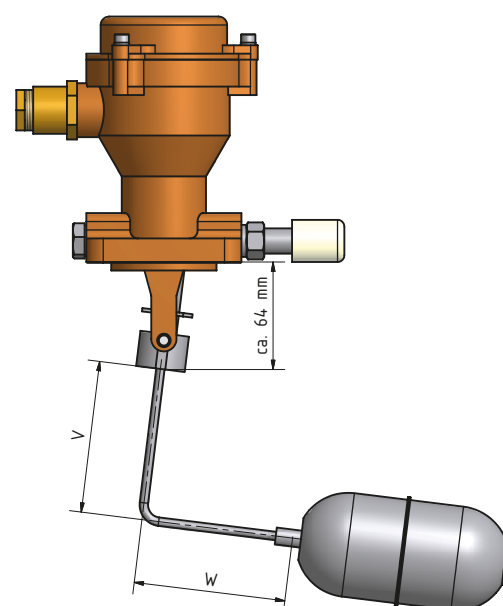
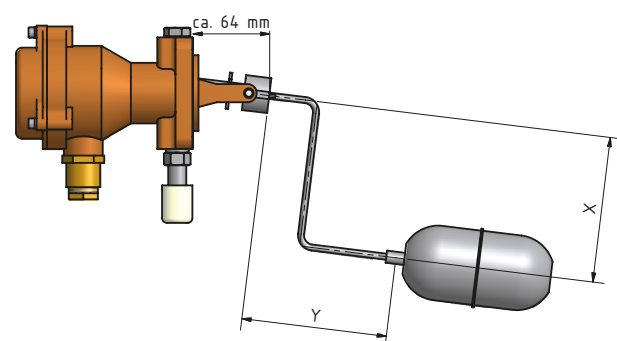
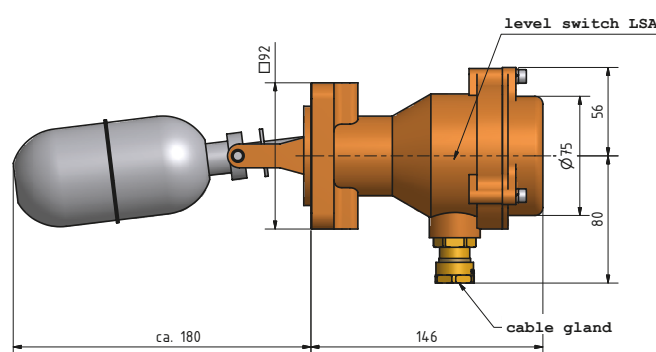
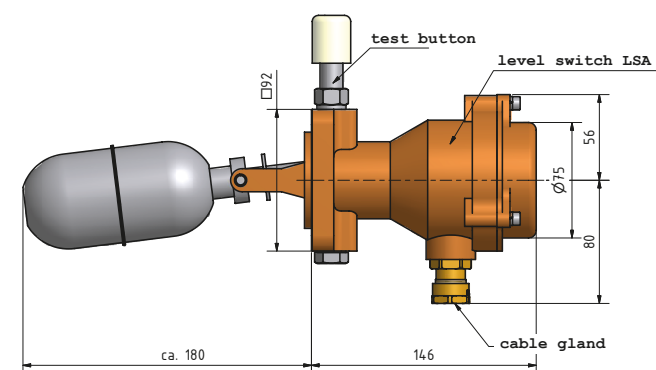
ELECTRICAL DATA

rating	V AC	V DC induktiv	V DC resistive
max. voltage V	bis 250 V	24 V	24 V
max. current A (microswitch)	6 A	2 A	2 A

WIRING DIAGRAM (DIN EN 50005)



DIMENSIONS



TECHNICAL DATA

materials	
housing	1.4571
float unit	Buna N
protection type	IP68
approvals	DNV•GL
max. pressure	10 bar
max. density	0,70 g/cm³
max. temperature	-40°C...+150°C
mounting	bracket
cable length	2m (standard)
mounting position	vertical
electrical connection	cable for shipbuilding and navy
weight	ca. 735 g

ELECTRICAL DATA

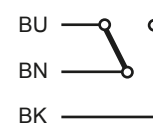
contact mode

change-over

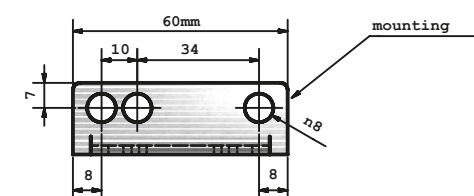
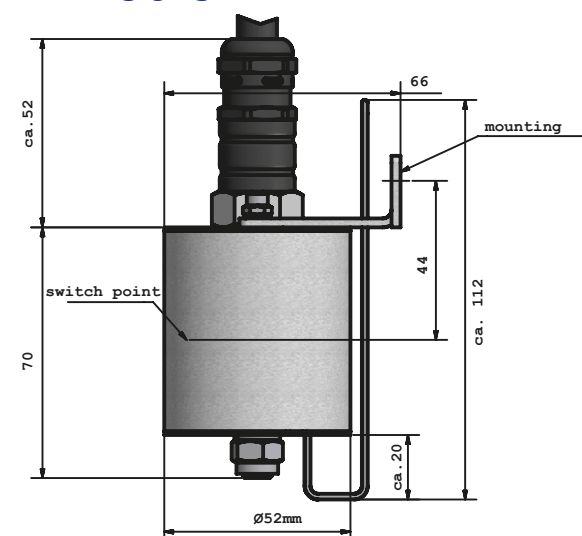
contact rating

250 V AC | 1,0 A | 100 VA

WIRING DIAGRAM



DIMENSIONS



The level switch type LSG is designed for versatile applications in shipbuilding and plant engineering. The construction comprises a rugged housing with integrated flange connection (produced to customer specification) in one piece without any seals or welding seams and all welded stainless steel float.

TECHNICAL DATA

materials	
housing	gun metal RG5 or RG10
flange	gun metal RG5 or stainless steel
float unit	1.4571
flat seal	oil and sea water proofed Novapress
rubber seal	EPDM, NBR70
protection type	IP68 cable gland
max. pressure	42 bar (floater)
min. density	0,46 g/cm³
max. temperature ambient temperature	-40°C...+125°C
mounting position	top or side
electrical connection	cable gland, M20x1,5, IP68
contact mode	SPDT
weight	ca. 4,5 kg

ELECTRICAL DATA

rating	V AC	V DC induktiv	V DC resistive
max. voltage V	bis 250 V	24 V	24 V
max. current A (microswitch)	6 A	2 A	2 A

WIRING DIAGRAM (DIN EN 50005)

