PSm

BLS 9200 Bilge Level Switch

Key features

- Rugged all-stainless steel design ensures reliable operation

- Compact design

- Simple installation via integral mounting bracket

- Fully submersible IP68 construction with cable resistant to marine applications

- Stainless steel slosh and debris protection shield

- Marine type approved

- Integral switch test lever

Part of the TankView product group

BLS9200 level switch for liquid detection in bilges and sumps

A compact but rugged bilge well alarm switch for marine use on vessels of all sizes, tested and approved for marine duty.

Materials of construction are stainless steel and EPR cable that are resistant to all common marine fluids such as sea water, fuel oil and hydraulic fluid.

Siting and mounting is simple requiring only a two bolt fixing and the self draining fully shrouded design prevents interference of operation from obstructions or floating debris.

The integral manual checking device conforms to class rules without complicating installation.
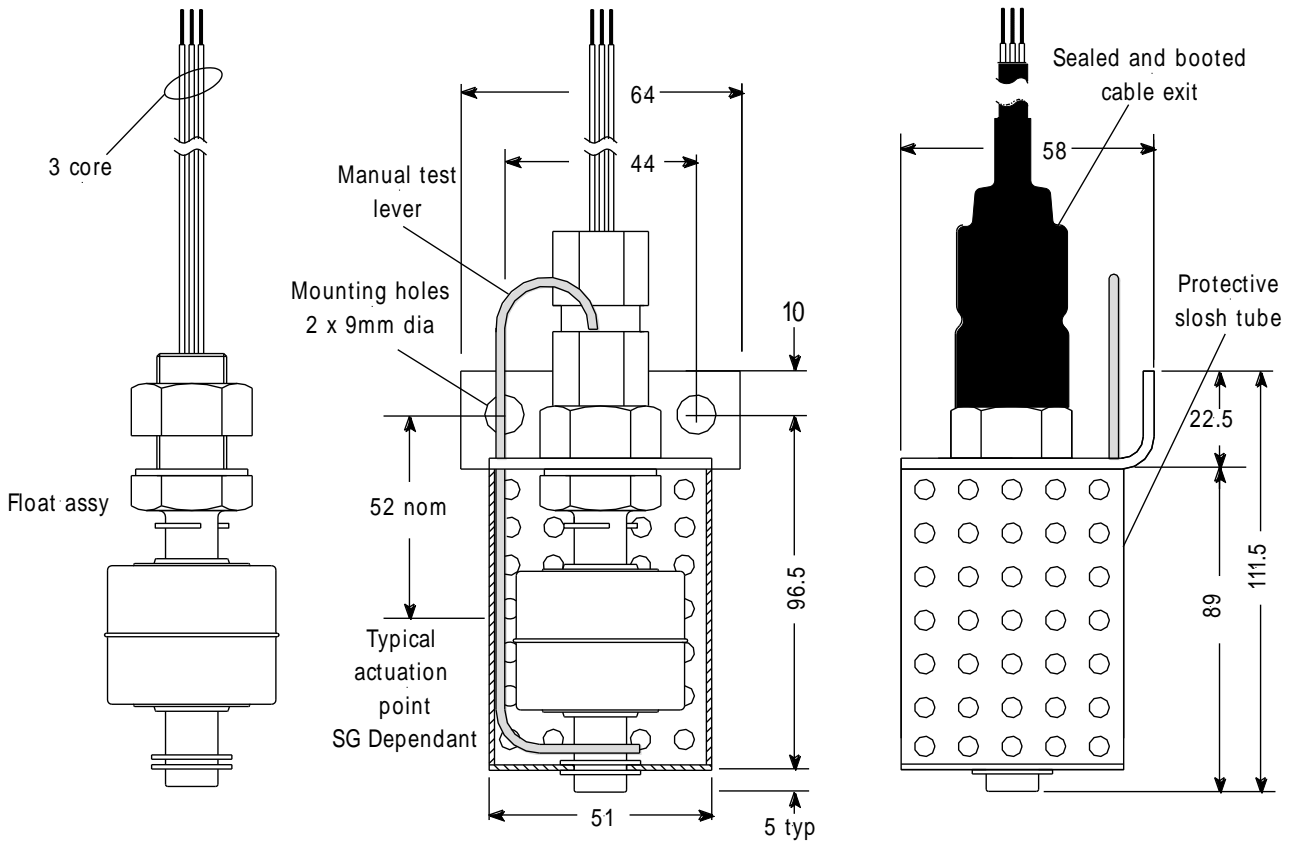
Optional field mounted terminal enclosures are available for cable marshalling. These include the required diode and capacitor components to prevent switch contact arcing and increase operational life.

Specifications	
Material of construction	Stainless steel stem, float, test mechanism, body plates & slosh shield
Cable	Marine grade EPR Insulated with LSZH elastomeric type SW4 sheath, 3 -core with polyolefin boot
Cable length	2m as standard. Other lengths optional
Process Temperature	-10 to +90C
Switch type	S.P.C.O. reed switch
Electrical rating - maximum	100 VA resistive load (maximum 500 V DC or 250 V AC at 3A)
Electrical rating - minimum	3W (to prevent long-term switch contact oxidisation)
Float SG	0.62 (others optional)

Subject to change without notice

GA drawing

3 core

Float assy

Manual test lever

Mounting holes
2 x 9mm dia

64

44

52 nom

Typical
actuation
point
SG Dependant

10

96.5

51

5 typ

Sealed and booted
cable exit

58

Protective
slosh tube

22.5

111.5

89

GA drawing (optional termination enclosure)

160

148

80   68

NC NO C   NC NO C

160

148

120

88

NC NO C   NC NO C

NC NO C   NC NO C

2 x Bilge Switch Inputs

Multi Core
Out