

IMB

Industrielle Messtechnik GmbH & Co. KG

Float switch in stainless steel 1.4571 with coupler plug

SR 12

Dimensions

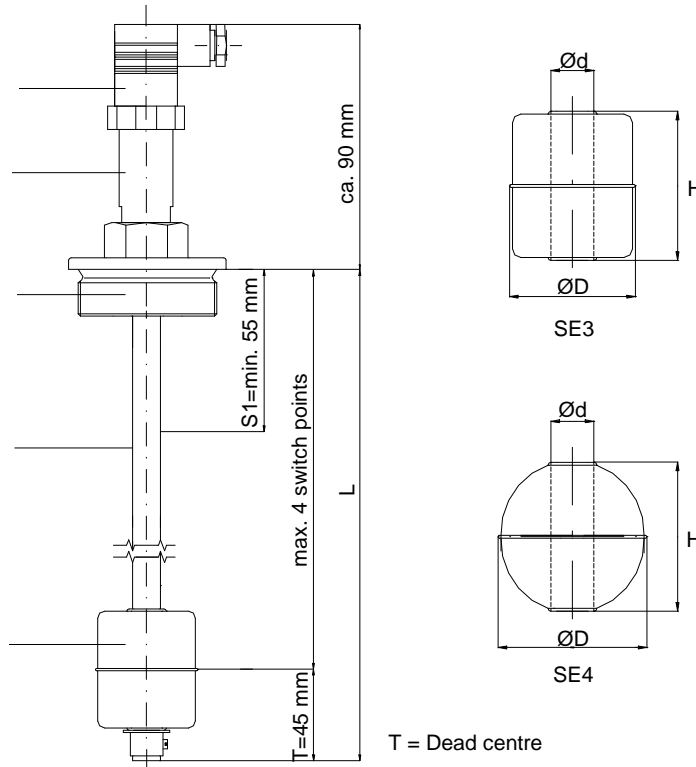
Electrical connection
Coupler plug
DIN 43650

Tube Ø 27 mm

Process connection
G1½, G2",
Flange DN50 PN16

Tube Ø 12 mm

Cylindrical or
spherical float



Float type	Dimensions			Max. operating pressure (MPa)	Max. operating temperature (°C)	Medium density kg/m ³	Material
	Ø D (mm)	Ø d (mm)	H (mm)				
SE3 Cylindrical float	44	15	52	1,6	180	≥ 750	1.4571
SE4 Spherical float	52	15	52	4,0	180	≥ 750	1.4571

Technical data

Max. Power

Opener / Closer:

230 V AC; 100 VA; 1 A AC
230 V DC; 50 W; 0,5 A DC

Change-over switch:

230 V AC; 40 VA; 1 A AC
230 V DC; 20 W; 0,5 A DC

Switch function

Opener / closer /
change-over switch
with a rising liquid level

Switch point number

max. 4 switch points
> 4 switch points on request

Installation position

vertical, ± 30°

Electrical connection

coupler plug DIN 43650,
other types on request

Medium density

≥ 750 kg/m³

Temperature

-30°C to +100°C

Protection

IP 65

Max. pressure

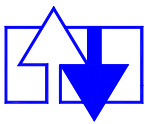
4.0 MPa

Tube length L

Standard: up to 6000 mm,
> 6000 mm on request

Process connection

Standard: G 1½", G 2",
Flange DN50 PN16
other types on request



Product overview / Order table

SR 12

Electrical connection

- A Coupler plug, DIN 43650
- X Other types on request

Process connections (installation: vertical, $\pm 30^\circ$)

- A Fixing screw thread G 1 1/2", 1.4571
- B Fixing screw thread G 2", 1.4571
- C Flange DIN 2527, Form B, DN 50 PN 16, 1.4571
- X Other types on request

Tube length L (see dimensioned diagram), Tube in 1.4571

Tube length from sealing face of process connection
Tube length $L \leq 6000$ mm; $L > 6000$ mm on request
Dimensions in mm

Float types

- Z SE3 (cylindrical float $\varnothing 44$ in 1.4571)
- K SE4 (spherical float $\varnothing 52$ in 1.4571)
- X Other types on request

Switch point number

(see dimensioned diagram)

Switch function (with a rising liquid level)

- O Opener
- S Closer
- U Change-over switch

Switch position

Switch position from sealing face of process connection in mm

SR 12					
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S1		
S2		

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