

Description

PSS Series level switch opens or closes electrical circuit to find indicated and fixed level, depending on pressure increases or decreases. Contact level is indicated thanks to float on the switch. Product presents one contact NA, two contact NA/NC or NA/NA options. Electrical connection is made by square socket on the switch. It has been produced as 1”BSP thread connection. It has brass body material.

- 1” BSP dış bağlantı özelliğine sahip.
- 1” BSP thread connection feature.
- Sızdırmazlık contası 1” BSP dış ölçüsüne uygun standartlardadır.
- Sealing gasket complies wit 1” BSP thread dimension
- Electromagnetic Float
- Aluminium Flange
- Reproduciblity.
- Pipe material; Brass, Bottom Nut ; stainless Steel 316 L
- Bottom and Topl level control

Applications

- Machines and tanks
- Treatment Facilities
- Chemical and Petrochemicals
- Ships and yatches
- Liquid Measurement



Technical Features

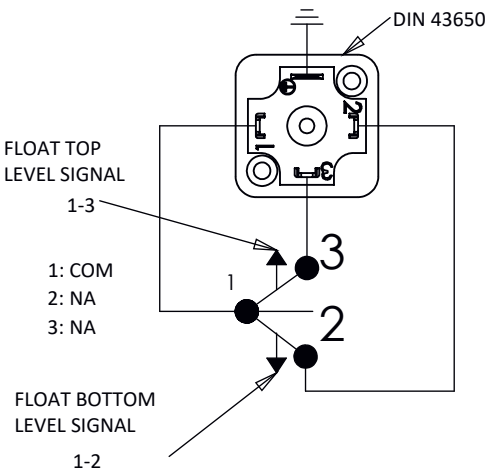
Connection Type	1''		
Electrical Connections	DIN 43650		
Proctective Class	DIN 40050:IP65		
Voltage Maximum	200 VDC / 140 VAC		
Current Maximum	1A		
Error Voltage Minimum	240 VDC		
Error Current Minimum	1,2 A		
Range of Level Switch's Life			
Resisted Electrical Value	Voltage	Current	Cycle
	12 VDC	0,1 A	2 x 10 ⁸
	24 VDC	0,4 A	5 x 10 ⁷

Notes

These values are maximum values and they can not be used at the same time. When you need to use the pressure switch in aggressive chemicals or fluids please contact with us. You must stict to rules of clearence standarts Hydraulic oils (fluids). Use filtration to blocking system errors. It is effective for long working life of pressure switches. Please avoid using out of indicated values to have a long service from pressure switch.

Electrical Connection Features

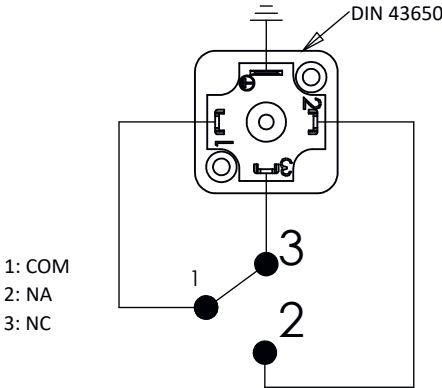
PSS AA Level Switch Contact Connection Scheme



Switch function :

- Terminal 1-3 :It has current in case of measurement of level increases. (NA)
- Terminal 1-2 :It has current in case of measurement of level decrease. (NA)

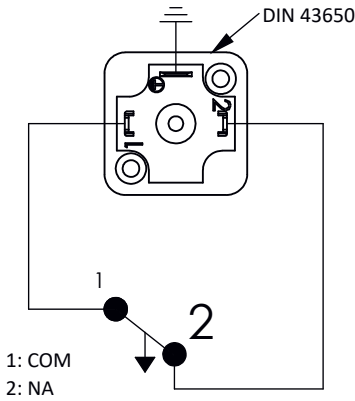
PSS AC Level switch Contact Connection Scheme



Switch function :

- Terminal 1-2 :It has current in case of measurement of level decrease. (NA)
- Terminal 1-3 :It has not current in case of measurement of level decrease. (NC)

PSS A Level switch Contact Connection Scheme



Switch Function :

- Terminal 1-2 :It has current in case of measurement of level decrease. (NA)

Order Code

MODEL

PSS

XX

XX

PSS

LEVEL (L)

100 = 100 mm
150 = 150 mm
200 = 200 mm
250 = 250 mm
300 = 300 mm
400 = 400 mm
500 = 500 mm
600 = 600 mm
700 = 700 mm

CONTACT

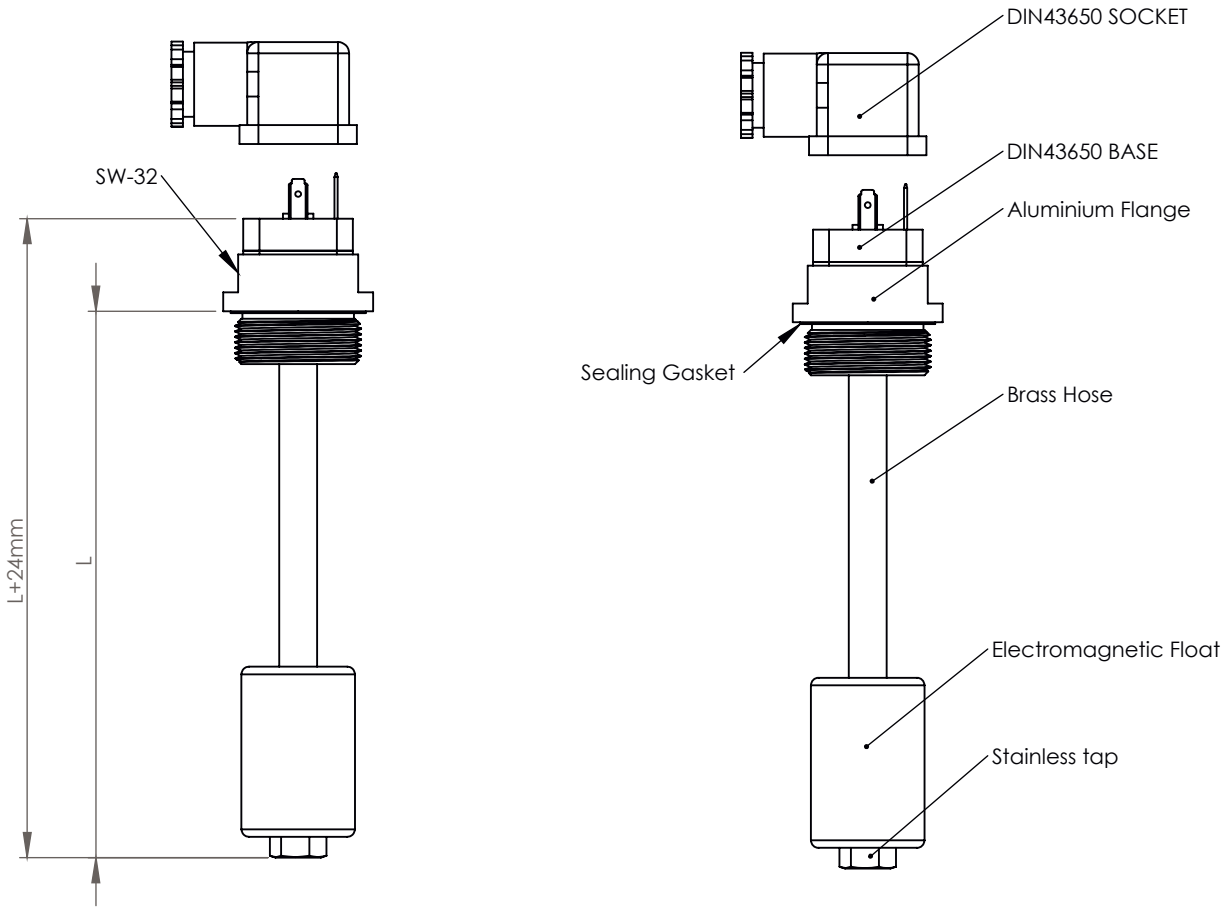
BOTTOM LEVEL, ONE CON. (NA) A
BOTTOM LVL. TWO CON.(NA/NC) AC
TOP AND BOTTOM LVL. CON.(NA/NA) AA

Electrical Connection Features

Working Ampere Voltage: 1A 140 VAC

Electrical Connection	EN 175301-803, 2-TERMINAL
Maximum Contact Surface	0,5 mm²
Minimum Current	1mA 12 V DC
Maksimum Current	1A 140 V AC

Technical Dimensions



PNOMEK
Safe pressure materials..

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