

OPERATING INSTRUCTIONS
PSS AA SERIES

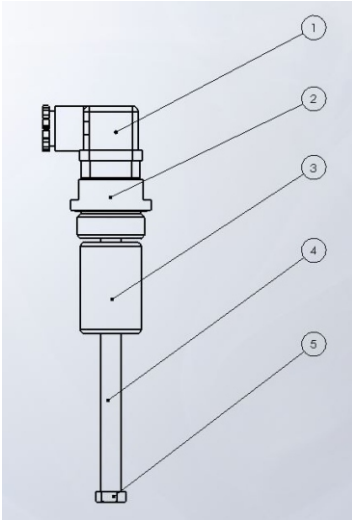
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1. General Informations

- The level switch described in the operating instructions has been designed and manufactured using state of-the-art technology.
- All components are subject to stringent quality and environmental criteria during production.
- Our quality management systems are certified to ISO 9001 : 2015
- Level switches are not safety equipment of system.
- Operating instruction is part of product and it must be reached conveniently
- Personal who is using level switch, must read and understand precisely.
- User is responsible about all safety applications.
- User must be sure about comply with purpose of level switch.
- User must be sure about any destruction on level switch while on transport before montage.
- PNOMEK® is not responsible about problems caused by incorrect installation.
- Values on product defining plate are maximum values and all of them can not be used at the same time.
- If you need to use level switch in aggressive chemicals, please contact with PNOMEK®.
- It is advised absolutely that strict to Hydraulic oil (liquid) clearance standards.
- You must use filtration for preventing system errors. It is effective about long system life.
- You must avoid from using under shock liquid and out of indicated values for having long life working service.

2. Product Features



1. Electrical Connection Socket
2. Flange
3. Float
4. Stick
5. Sealing Equipment

Product Features and Function

- 1-) Electrical Connection Socket: It is product of electrical connection part. Please contact with us If you need indormation out of parameters on defining plate
- 2-) Flange : Aliminium flange. Montage must be keeping from A-A
- 3-) Float : Electromagnetic float. It is active about indicating of measured liquid level
- 4-) Electrical Connection Socket: It is product of electrical connection part. Please contact with us If you need information out of parameters on defining plate
- 5-) Sealing material : Sealing gasket comply with 1'' BSP mechanical connection.
- 6-) Product Defining Plate : It includes main mechanic and electric information. If you need information about application out of these parameters, Please contact with us.

3. Purpose of Using

1. PSS AA Series level switch opens or closes electric circuit depending on liquid rising or dropping.
2. Usage of level switch must comply with technic specification
3. Level switch has been designed for purposed usage. It must be used as indicated here.
4. User must be sure about comply with purpose of level switch.
5. If you need to use level switch in aggressive chemicals, please contact with PNOMEK®.
6. PNOMEK® is not responsible about using out of operating insturction

STANDART VERSION

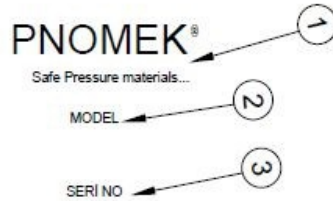
Connection type	1"BPS		
Electrical connection	DIN 43650		
Protective class	DIN 40050:IP65		
Voltage maximum	200 VDC / 140 VAC		
Current maximum	1A		
Error Voltage Minimum	240 VDC		
Error current Minimum	1,2 A		
Level Guage Life Range			
Resistive Electric Load	Voltage	Current	Cycle
	12VDC	0,1 A	2 x 10 ⁸
	24 VDC	0,4 A	5 x 10 ⁷

PNOMEK

Safe pressure materials..

Product Defining Plate

1. Manufacturer
2. Product Code
3. Model
4. Contact Connection



4. Errors



WARNING!!

Risk of injury, property damage and enviromental damage;
If you can not prevent errors although actions, level switch must be taken from usage.

- You check the liquid and protect safety in case of level switch Works accidentally.
- Connect with manufacturer.
- If you need to return the level switch, you must review product returning part.



WARNING!!

Risk of injury due to dangerous material, property damage and environmental damage;
If there is any connection with dangerous material (Example. oxygen, acetylen, burner or poisoner materials), harmful materials (Example. corrosion, poisoned, cancinogetic, radioactive), cooling systems and compressors physical injuries, property damages and environmental damages can be occur.

- If any error occurs, product might has extreme heat, and corrosion material under high liquid or vacuum.
- Complied current codes as well standart arrangement for these materials or arrangement must be followed.
- You must wear necessary equipment clothes.



- Look back page of operating insturction of contact information.

5. Product Care and Clearance

Product Care

Level switch is not need to be cared.

Level switch repairing is made by only manufacturers

Product Clearance

- Level switches clearances is must be watchfully. Clearance must occur without any destruction on product or product defining plate.
- Uncomplied clearance materials for level switch, corrosion clearance materails or sharpened materials can destruct the product. Please avoid from using these materials
- You must use a soft and wet cloth for clearance of product.

6. Product Montage and Removing

Product Montage

1. Connection point must be cleared.
2. Screw the product manual to connection place.
3. Screw the product with flathead screw driver.
4. Make electrical connection.

Removing Product

1. Deactive the energy of product.
2. Disconnect the electrical connection.
3. Remove the product with flathead screw driver.

7. Product Returning and Disposal

Product Returning

While you are sending the product, you must be careful about followings:

If products that returning to PNOMEK, has dangerous chemical materials, It must be cleared before returnin operation. Product absolutely must not have any dangerous chemical materials.

While you return the product, product must be in original box, original ambalage or appropriate ambalage.

Product Disposal

False product disposal may have a risk. While you destruct the product, please comply with environment and special waste disposal rules.