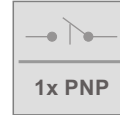
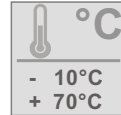


**APPLICATION AREA**



Level device for the food industry and plant engineering with casting for mounting in single-rod level sensors with a connection head made of stainless steel.

**CHARACTERISTICS**

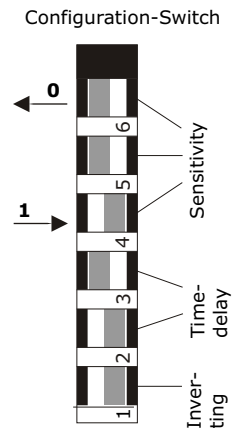


**TECHNICAL DATA**

Design	Ø44.50mm
Operating voltage	24V(DC)+-20% (18V...30V)
Power requirements	<30mA
Operating temp.	-10°C bis +70°C
Storage temperature	-20°C bis +85°C
Humidity	0 bis 90% (without condensation)
Inputs	1 Electrode
Sensitivity	0,2KΩ ; 10KΩ ; 9,9KΩ ... 999KΩ arbitrary
Output	1x Electronic output; 30mA ; PNP invertible short-circuit-proof
Time delay	0,0 up to 99,9sec ; arbitrary
Start-delay	<0,3s
Response time	<0,07s (10KOhm) <0,15s (1MOhm)

**Configuration**

Switch			ON	OFF
0	0	0	Adjustable via SMCsoft (Default 2KOhm)	
0	0	1	3KOhm	2.5KOhm
0	1	0	5KOhm	4.5KOhm
0	1	1	6KOhm	5.5KOhm
1	0	0	8KOhm	7.5KOhm
1	0	1	100KOhm	70KOhm
1	1	0	250KOhm	220KOhm
1	1	1	500KOhm	470KOhm



**Delays**

Switch	Delay in sec.
3 2	(0 sec) adjustable via SMCsoft
0 1	2 sec
1 0	4 sec
1 1	8 sec

**Applicable probes**

Conductive level probes 1 rod; series CS1-8

**COMMENTS**

**!Caution!**

When installing or using the device it must be protected from electrostatic discharge. An incorrect installation or parameters which are adjusted incorrectly can interfere with the correct function of your application or can cause damages. Therefore independent safety equipment should be available at any time. Adjustments must only be conducted by qualified personnel. All necessary adjustments are to be made via the configuration switches or the SMC software. If there are difficulties during the start-up anyway, please do not manipulate the device in any incorrect way. Otherwise your warranty claim expires.

- If the dewpoint is undercut condensation may destroy the module.
- The device has to be mounted directly in a single-rod sensor series CS1-8. No supply line more than 5cm between module und sensor.
- The CE-Conformity is only valid if the module is mounted in a sensor series CS1-8.

