

**APPLICATION AREA**



Level controller for the limit monitoring.

**CHARACTERISTICS**

- 10°C + 60°C	PEEK -VA-	IP68	Ta = 0,2s	EHEDG KONFORM
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**TECHNICAL DATA**

**Electrical Data**

Supply voltage	Ub = 24V +/-20% (18...32VDC)
Power requirements	<20mA
Output signal	Active; max.50mA
Admissible load	0 @ 24VDC, 50mA
Start-up delay	<0,3s
Response time	<0,2s

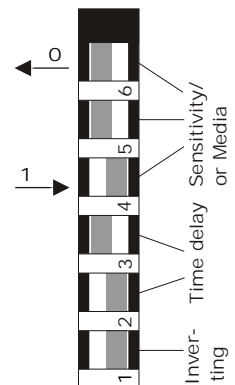
**Operating conditions**

Ambient temperature	-10... +70°C
Storage temperature	-20... +70°C
Protection class	IP 68
Operating pressure	Max. 10bar
Operating temperature	0... +100°C
CIP-/SIP cleaning	0... +150°C (30min)

**Sensitivity ; or Media**

Switch	Sensitivity, Medium (%)		
6	5	4	
0	0	0	-
0	0	1	-
0	1	0	-
0	1	1	-
1	0	0	-
1	0	1	-
1	1	0	-
1	1	1	-

**Configuration switch**



**Delay**

Switch	Delay in sec	
3	2	
0	0	0 sec
0	1	2 sec
1	0	4 sec
1	1	8 sec

**COMMENTS**

The sensitivity adjustments must be identified and set customer-specific for every application.

When working with acidic or aqueous media adhesions and film formations can cause incorrect measurements.

Appropriate welding sleeves on request.

**!CAUTION!**

- If the dewpoint is undercut condensation may destroy the sensor.
- When the device is strained by temperature changement e.g. cold water jet on hot sensor, the sensor may soak in liquidity. (Requirements cp. DIN EN 60068-2-14)
- ➔ For applications with possible strains through dewpoint -, thermal shock-, or temperature changement we recommend partial or better full casting.

**!** The density categorisation according to IP68 does not imply that these parts are appropriate for applications with dewpoint undercut or thermal shock DIN 60068-2-14)

