

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)

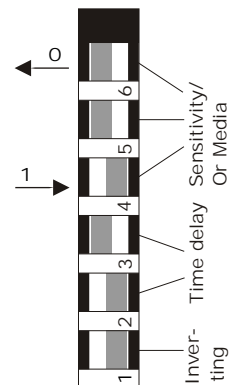
Sensitivity ; or Media

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	-

Delay

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

Configuration switch



COMMENTS

!CAUTION!

The media sensitivity and the behavior towards aqueous media differs considerably from the standard-version. The function is to check for every application. Adapted for aqueous media. 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)

