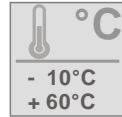


APPLICATION AREA



Level controller for the limit monitoring.

CHARACTERISTICS



TECHNICAL DATA

Electrical Data

Supply voltage	U _b = 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)

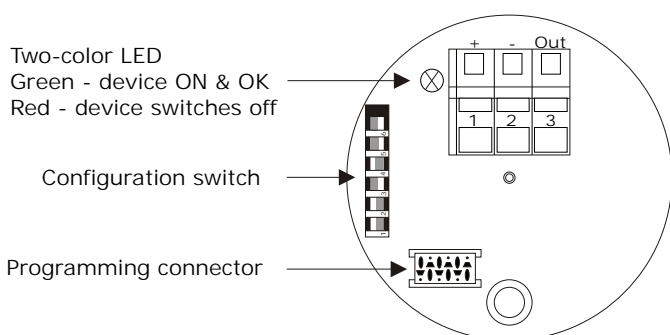
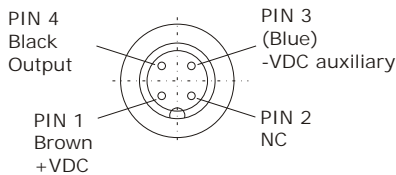
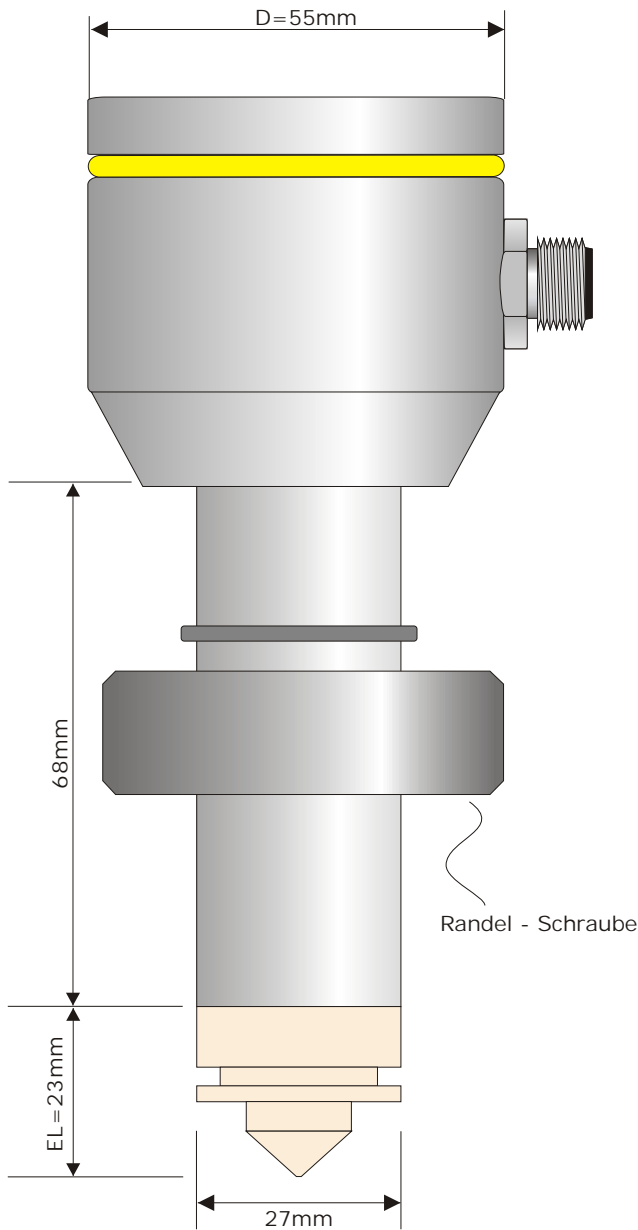
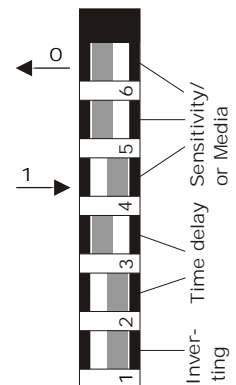
Sensitivity ; or Media

Switch	Sensitivity, Medium (%)	
6 5 4	0	0
0 0 0	-	-
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 0	0	sec
0 1	2	sec
1 0	4	sec
1 1	8	sec

Configuration switch



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)

