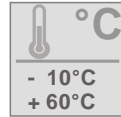


**APPLICATION AREA**



Level controller for the limit monitoring.

**CHARACTERISTICS**



**TECHNICAL DATA**

**Electrical Data**

Supply voltage	U <sub>b</sub> = 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)

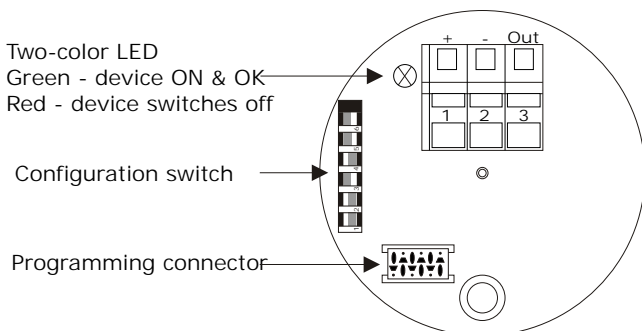
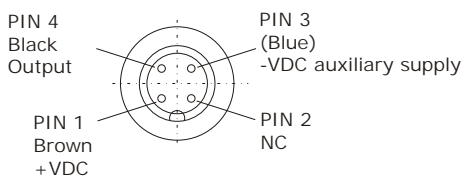
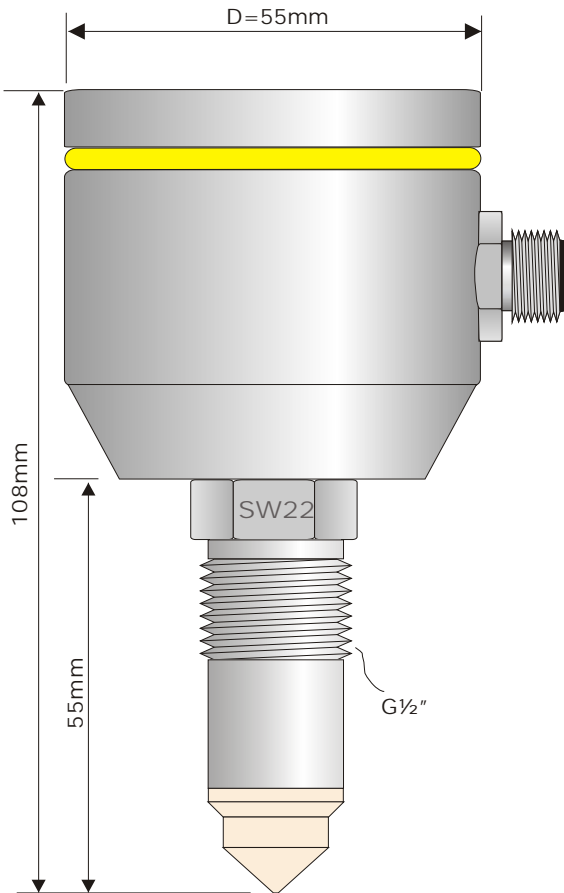
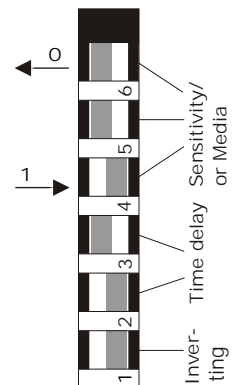
**Sensitivity ; or Media**

Switch 6	Switch 5	Switch 4	Sensitivity, Medium(%)
0	0	0	Aqueous Media
0	0	1	-
0	1	0	-
0	1	1	Olive oil, sunflower oil, wheat
1	0	0	Honey
1	0	1	Chocolate
1	1	0	-
1	1	1	Mineral oils, Coffee creamer

**Delay**

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

Configuration switch



**COMMENTS**

When configured appropriately it is suitable for media with  $r > 2$ , also chocolate, vaccination honey and vegetable oil etc. and all 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 changes 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 changes 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)

