

Compact Overfill detector MAXITOP



- Wet parts in plastic materials
- For aggressive and conductive liquids
- Fail safe; Auto-diagnostic with SHR relay
- Fitting: Adjustable depth

APPLICATIONS

The MAXITOP monitors the overfilling of a tank with electrically conductive, non-flammable liquids, even highly aggressive liquids.
Example : Storage tanks for caustic soda (NaOH), hydrochloric acid (HCl), etc.

DESCRIPTION

The detector MAXITOP is designed to prevent overfilling of tanks. It detects conductive liquids (acids, alkalis) with a reactance below 5 kOhm and a coupling capacitance towards ground of more than 50 pF. In no case should liquids form insulating or conductive deposits.

The MAXITOP has 4 different possible interfacing connections:

- Direct connection to a 4 channels alarm unit MAXIMAT TC4 (data sheet 555-07) or 1 channel unit MAXIMAT TC1 (data-sheet 555-10)
- Direct connection to a PLC
- For relay output and loop diagnostic with a MAXIMAT SHR (data sheet 555-06)
- For relay output with a MAXIMAT CST (data sheet 555-09)

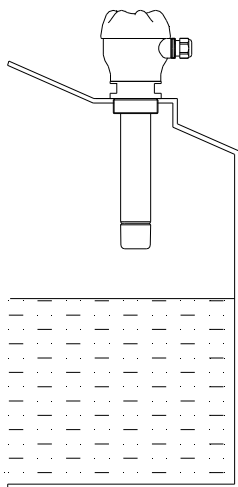
TECHNICAL FEATURES

Power supply	15 ... 27 V DC
Consumption	< 1 W
Ambient temperature	-20 ... +60 °C
Operating pressure	Atmospheric 0.8 to 1.1 bar
Stem	HD-PE, O.D. 40 mm
Fitting	PVC, BSP 2", sliding coupling for depth adjustment
Trigger point distances (L)	L Max.: or 500 mm or 700 mm or 900 mm
Other lengths	On request
Head housing	PBT, fibreglass reinforced, IP 65 according EN 60 529
Connectors	Screw terminals, wire Max. 2.5 mm ²
Input	For external button switch to test the complete system
Signaling display	Green LED on the terminals board
Output	Reed contact, potential free, for low voltage Rated: 50 V AC/DC; 0.5 A; 10 VA

EC Conformity: The instrument meets the legal requirements of the current European Directives.

CODE NUMBERS AND REFERENCES

Code	Reference	Description
556 109	MAXITOP 500	Overfill detector, L max. = 500 mm, BSP 2"
556 113	MAXITOP 700	Overfill detector, L max. = 700 mm, BSP 2"
556 117	MAXITOP 900	Overfill detector, L max. = 900 mm, BSP 2"



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MAXITOP

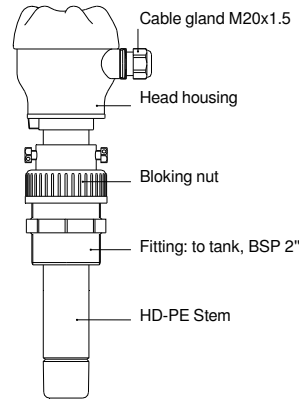
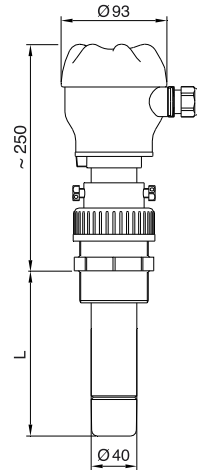
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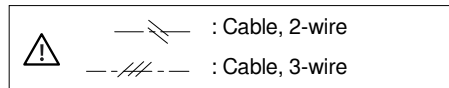
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DIMENSIONS

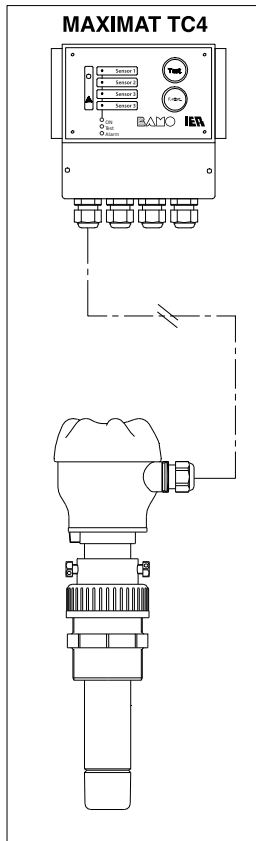


4 INTERFACING CONNECTIONS

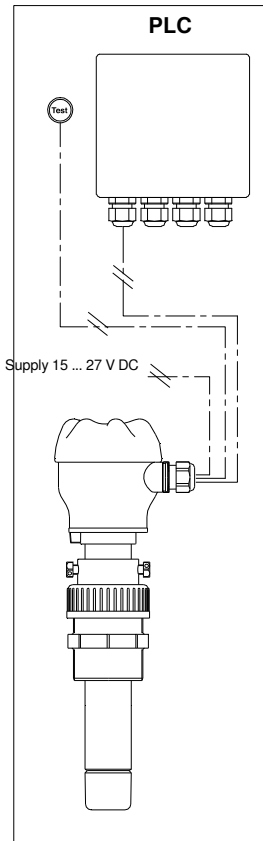
A button "TEST" for diagnostic of operating conditions; It is not mandatory for the detection itself.



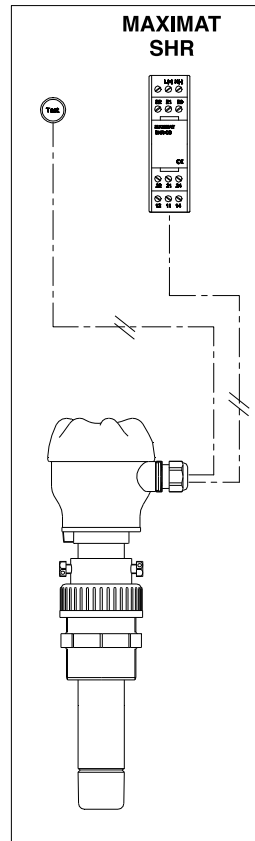
Connection to a TC4 (or TC1) alarm unit



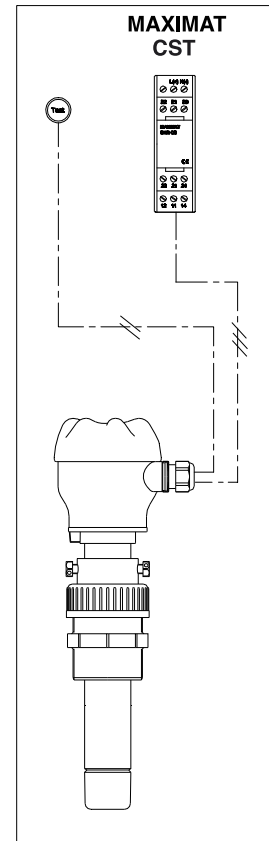
Connection to a PLC



Connection through SHR relay



Connection through CST relay



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