

WHG §19



Main Features:

- General building supervisory approval issued by DIBt: Z-65.13-494
- Integrated measuring transducer and test button connection
- No moving parts
- For universal use
- All plastic version
- For universal connection
 - PLC or signalling device – MAXIMAT TC4
 - Supply power isolator – CST
 - Measuring transducer – MAXIMAT SHR C
 - Coupling relays
- Suitable for electrically conductive, non-flammable liquids

Application:

Overfill inhibitor per WHG §19 for containers used for storing, filling and handling of water-endangering, non-flammable liquids

Description:

The MAXIMAT CX compact overfill inhibitor is a fill-level limit switch which is used to prevent overflowing of containers with water endangering liquids. When an electrically conductive liquid comes into contact with the measuring sensor, the integrated electronics respond by interrupting the continuously generated signal. This signal can be read out from the system controller as an acoustic or an optical alarm signal and, if required, can be used to cause an emergency shutdown of the filling process.

Technical Data:

Functional principal:	Capacitive high-frequency, fail-safe
Ambient temperature:	-20 to +60°C
Operating pressure:	Atmospheric, 0.8 to 1.1bar
Terminal housing:	PBT, fibre-glass reinforced, IP65 protection per EN 60 529
Process interface:	See order information
Supply power:	15 to 27V DC
Connected load:	<1W

Technical layouts, materials etc. are subject to change at any time without notice.

Technical Data (continued):

Outputs:

- **Floating reed relay contact** (contact opens in case of alarm)
for extra-low voltage, max. 50V AC / DC, max. 0.5A, max. 10VA,
e.g. for operating coupling relays or PLC, TC4 signalling device or CST
supply power isolator
- **2-wire alarm evaluation** with MAXIMAT SHR C measuring transducer

Note: Simultaneous use of both outputs is not possible.

Terminals: Screw terminals for wire cross-sections of up to 2.5mm²

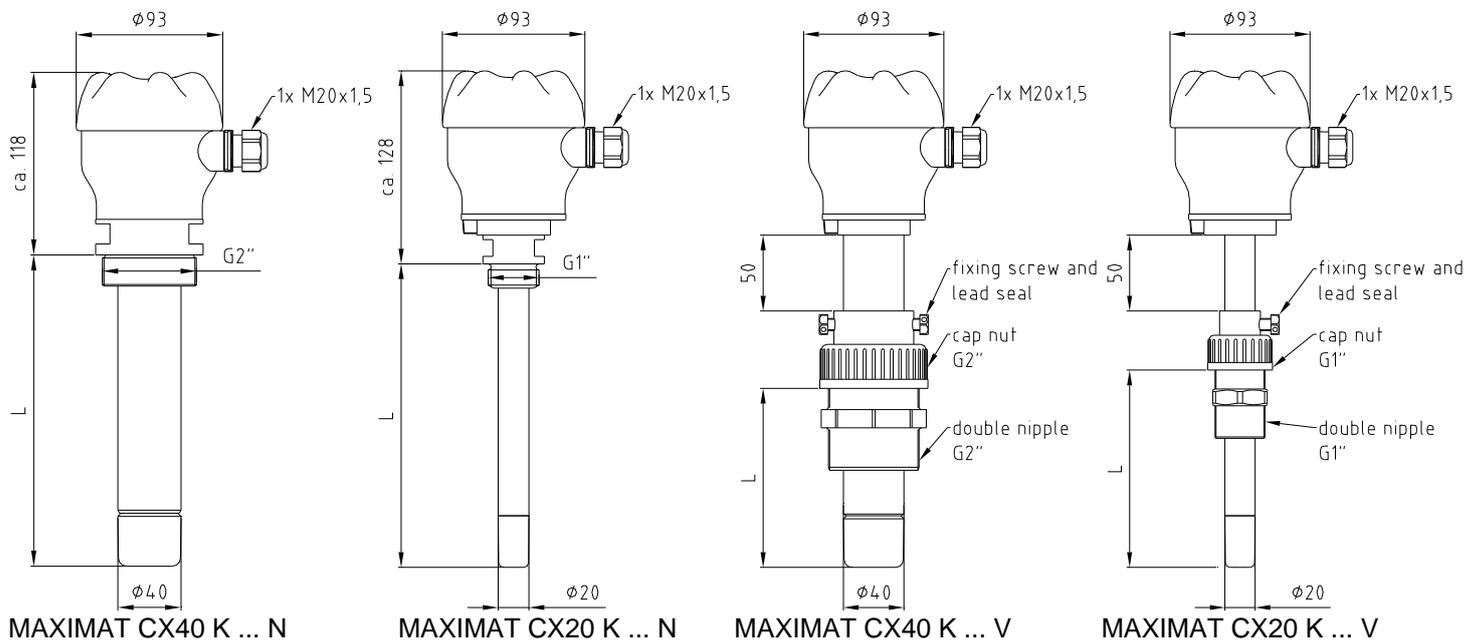
Additional function:

Connection of an external test button (floating contact) with which the entire MAXIMAT CX electronics, the wiring and the signalling device / control unit can be tested.

CE Mark:

In accordance with low-voltage directive (2006/95/EC) and EMC directive (89/336/ECC)

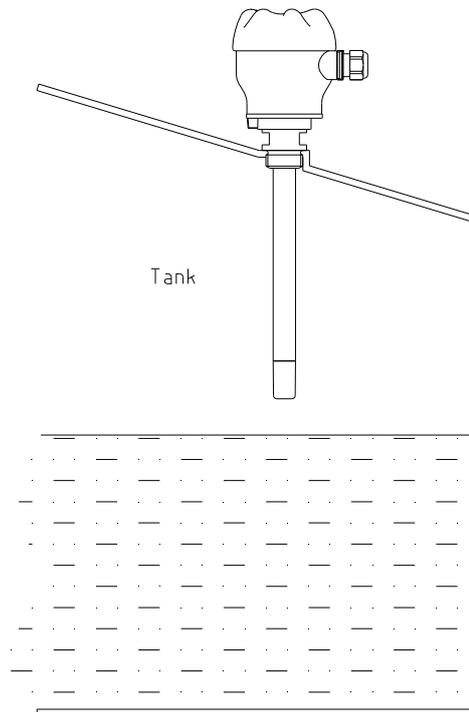
Dimensions:



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Order Information (continued):

Article No.	Designation	Description
556 602	MAXIMAT CX 40 K 4 V G2 1 L= 200mm	Overfill inhibitor with terminal housing, 40mm dia., PE, adjustable G2" PVC process interface, length = 200mm
556 604	MAXIMAT CX 40 K 4 V G2 1 L= 300mm	Overfill inhibitor with terminal housing, 40mm dia., PE, adjustable G2" PVC process interface, length = 300mm
556 606	MAXIMAT CX 40 K 4 V G2 1 L= 400mm	Overfill inhibitor with terminal housing, 40mm dia., PE, adjustable G2" PVC process interface, length = 400mm
556 608	MAXIMAT CX 40 K 4 V G2 1 L= 500mm	Overfill inhibitor with terminal housing, 40mm dia., PE, adjustable G2" PVC process interface, length = 500mm
556 662	MAXIMAT CX 20 K 4 V G1 1 L= 200 mm	Overfill inhibitor with terminal housing, 20mm dia., PE, adjustable G1" PVC process interface, length = 200mm
556 664	MAXIMAT CX 20 K 4 V G1 1 L= 300mm	Overfill inhibitor with terminal housing, 20mm dia., PE, adjustable G1" PVC process interface, length = 300mm
556 666	MAXIMAT CX 20 K 4 V G1 1 L= 400mm	Overfill inhibitor with terminal housing, 20mm dia., PE, adjustable G1" PVC process interface, length = 400mm
556 668	MAXIMAT CX 20 K 4 V G1 1 L= 500mm	Overfill inhibitor with terminal housing, 20mm dia., PE, adjustable G1" PVC process interface, length = 500mm



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