

# MEASURING TRANSDUCER MAXIMAT SHR CS



- Measuring transducer for overflow inhibitors and leakage detection systems
- 2-wire measuring circuit
- Relay output with potential-free double changeover contact

## APPLICATION

For connecting an overflow sensor per German Water Resources Act (WHG):






- MAXIMAT C...
  - MAXIMAT VK...
- Leakage sensor (WHG):
- MAXIMAT LW C..., LW...
- Safety probe:
- CAPSYTRON SFL...
- Or limit switch:
- MAXITOP...

## DESCRIPTION

The MAXIMAT SHR CS measuring transducer is used as power supply, current band monitor and alarm relay.

It serves in combination with the overflow sensors and leakage sensors included in the MAXIMAT VK..., MAXIMAT LW... and MAXIMAT C... series, as well as MAXITOP... limit switches, as part of overflow inhibitors and leakage detection systems.

## TECHNICAL DATA

Power supply	230V AC $\pm 10\%$ ; 50...60Hz; optional 24V DC $\pm 10\%$
Note	The device may only be connected to supply power via an electrical disconnecting device which is located in close proximity.
Power consumption	approx. 3VA / approx. 3W
Ambient temperature	-20...+60 °C
Housing	IP40, 22,5x75x110mm, for top-hat rail 35x7,5mm, DIN EN 50 022
Caution	Contact protection per DIN EN 61010-1 is only assured when installed to a closed switch cabinet or housing with at least IP54 protection!
Terminals	Screw terminal for wire gauge of up to 2.5mm <sup>2</sup>
Relay output	potential-free double changeover contact max. 250V AC; max. 115V DC, max. 3A AC; max. 0.5A DC, min. load 10mA at 5V DC
Caution	Contacts are not protected against overload, use external protective device!
Time delay	0.3...3s adjustable
Measuring circuit	max. 300m, min. wire cross-section 0.5mm <sup>2</sup>
Signaling	<ul style="list-style-type: none"> <li> LED (green) Operation</li> <li> LED (green) Relay operated</li> <li> LED (red) Overflow alarm</li> <li> LED (red) Measuring circuit interrupted</li> <li> LED (red) Short circuit</li> </ul>

**CE mark: The device fulfills the legal requirements of applicable EU-guidelines**

**BAMO INTERNATIONAL**

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**MEASURING TRANSDUCER  
MAXIMAT SHR CS**

21-05-2021

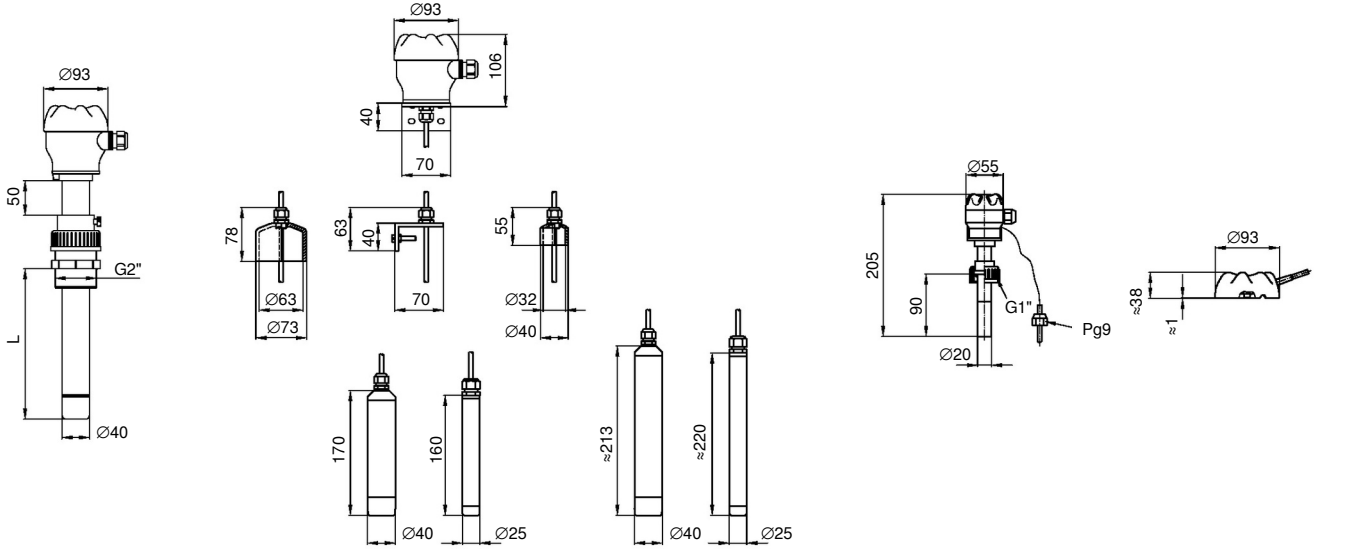
D-555.06-EN-AC

**555-06 /1**

## ORDERING INFORMATION

Code	Reference	Description
555 600	SHR CS G	MAXIMAT SHR CS G, 230V AC
555 610	SHR CS D	MAXIMAT SHR CS D, 24V DC

Example: compatible overflow sensors and Leakage sensors per German Water Resources Act (WHG)



Overfill sensor  
MAXIMAT C... / MAXITOP...

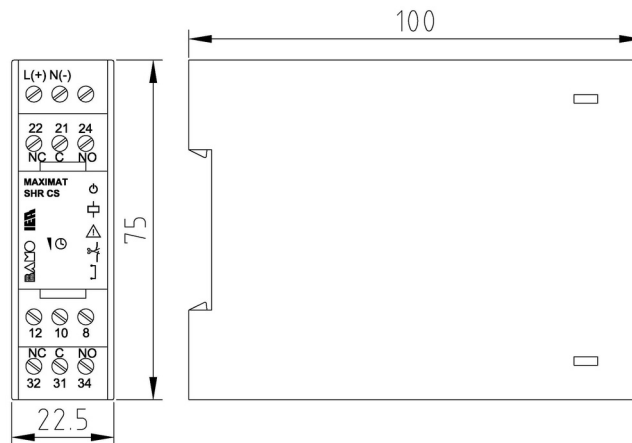
Leakage probe  
MAXIMAT LW...

Leakage probe  
MAXIMAT LW C... SDR

Floor probe  
MAXIMAT LWC B...

Other probe types on request

## DIMENSIONS



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