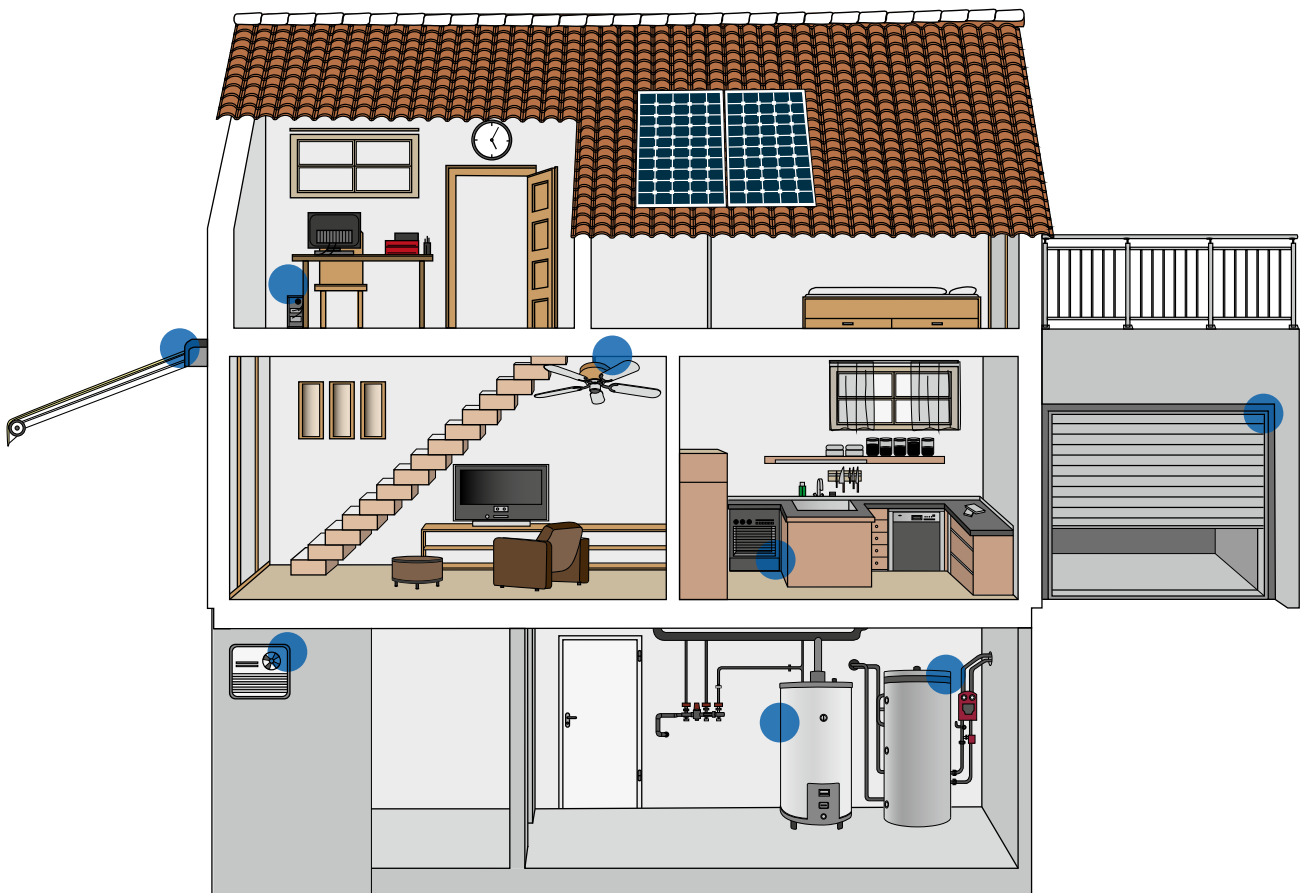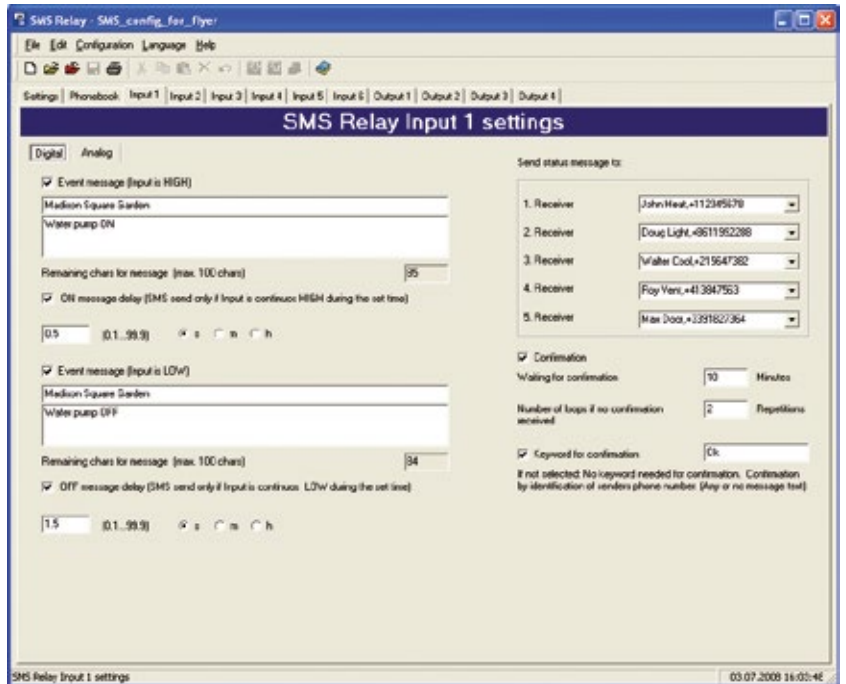![Comat Releco - World of Relays logo]

# 5.0 SMS Relay



- Easy configuration with PC and «FAST SMS SET™» configuration software
- Sequential alert messaging to 5 different subscribers
- Analog and/or digital inputs
- Monitoring of all inputs and outputs with SMS messaging
- Request of analogue values by SMS
- Remote control of outputs by SMS
- Power failure notification by SMS messaging
- Status change messages by SMS
- User defined message text
- Remote access and status display by PC/Notebook
- Call-In Function
- Alarm messages by e-mail
- App for Android operated smartphones

This issue replaces all previous issues. Availability, errors and specifications subject to change without notice.

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comat RELECO
WORLD OF RELAYS

# Monitoring | Alerting | Controlling

**SMS**

**Digital Inputs**



### Language



Chinesisch vereinfacht
Chinesisch traditionell
Tschechisch
Dänisch
Holländisch
Englisch
Finnisch
Filenisch
Französisch
Deutsch
Italienisch
Polnisch
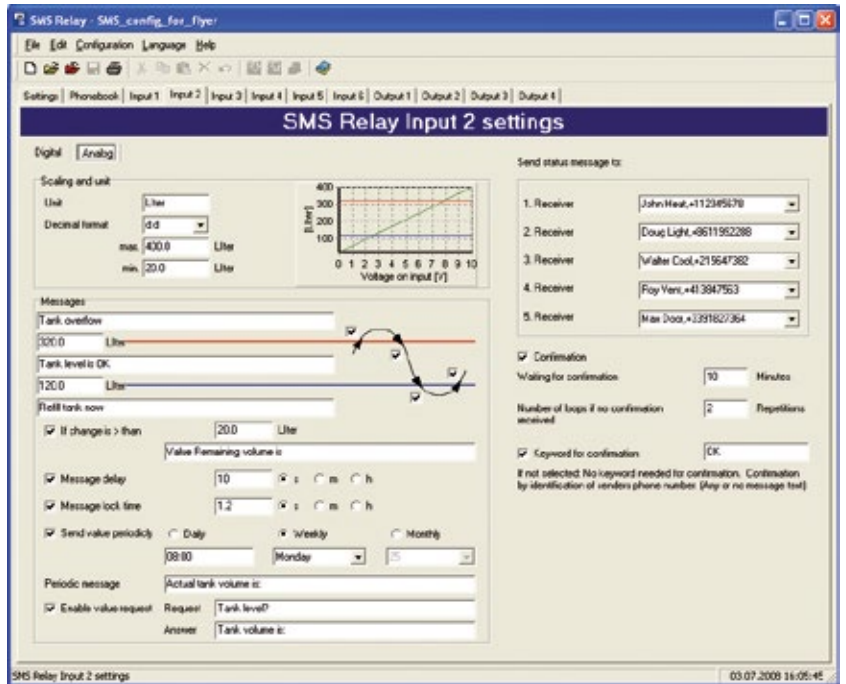Portugiesisch
Russisch
Spanisch
Schwedisch
Norwegisch

### Analog Inputs

- ☑ Free selectable units e.g.: l, kg, m$^3$, psi, F, sqm, lbs

- ☑ Any min/max value can be defined. Scale adjustment automatic

- ☑ Value inquire by SMS

- ☑ Automatic alerting if min/max values are exceeded

- ☑ Status display on PC/Notebook via GSM network



SMS Relay 5.0

**5**

This issue replaces all previous issues. Availability, errors and specifications subject to change without notice.

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**comat RELECO**
WORLD OF RELAYS

## One touch to have everything under control

Comat is presenting an app making handling, controlling, monitoring and remote switching of a SMS-Relay even more easily and clearly presented. Switch on your heating, open your garage door or irrigate your lawn simply by clicking a button. Your smart phone is thereby your remote control. After installation and configuration the SMS Relay from Comat and after download and installation of the App from Google Playstore, just import the device configuration data to your smart phone, enter the phone number of the device and it is ready for use.
You will find a specific instruction on our website www.comat.ch

With the Android App the display of all input states and the switching of the outputs is simple.
It's available for download, free of charge in Google Playstore.
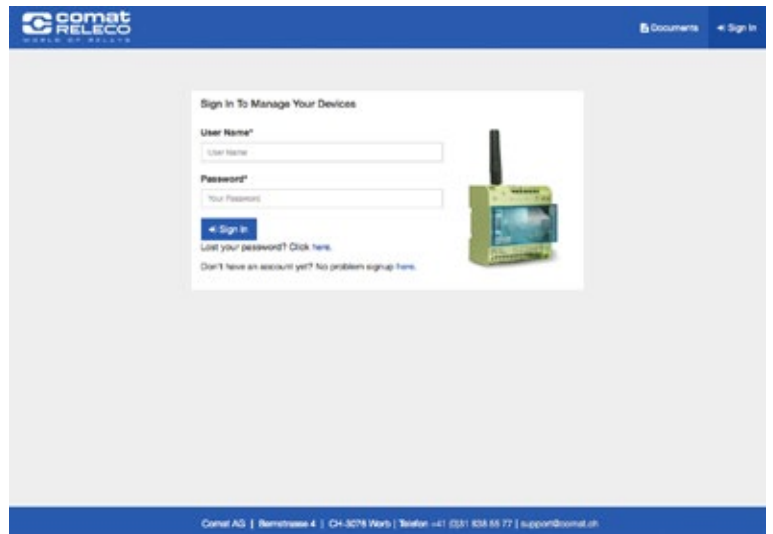
## Characteristics

• Polling of input values

• Easy control of outputs

• Status display

• Monitoring of alarm history

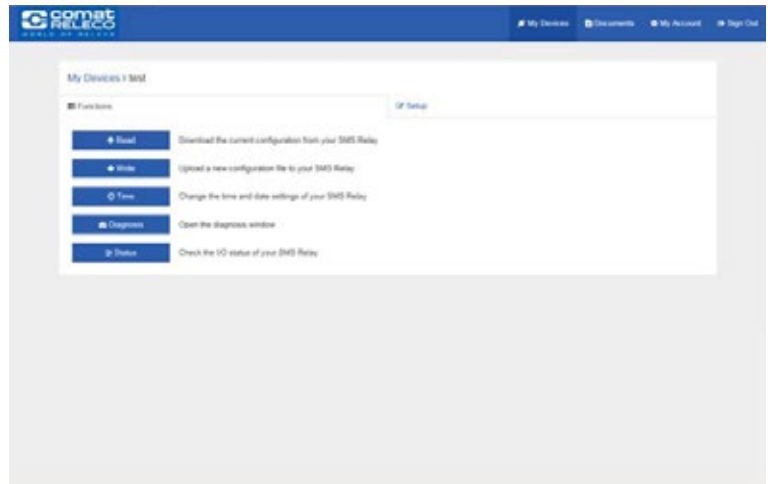• Simultaneous control of multiple SMS Relays

GET IT ON
Google play

**Attention!**
The Android App simplifies the operation of the SMS Relay. The communication in the background is by chargeable text message.

This issue replaces all previous issues. Availability, errors and specifications subject to change without notice.

**SMS Relay**
**CMS-10**   DIN

**Remote maintenance**

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
**Login screen**



**Function overview**



## Remote maintenance

The remote maintenance of the SMS Relay is performed via the Internet. Multiple SMS Relay can be managed from anywhere by a web access on the SMS Relay remote access portal.

- Upload / download the configuration file
- Diagnosis (signal strength, provider information, device information)
- Date / Time settings
- Monitoring inputs and switching outputs

Please find more information on our website www.comat.ch.

SMS Relay 5.0

**5**

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# Technical Data

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## Technical Data's

| Typ | CMS-10F/AC110-240V | CMS-10F/DC12-48V | CMS-10ADF/DC12-48V | CMS-10ACDF/DC12-48V |
|---|---|---|---|---|
| Operating voltage | AC 110-240V~ 50/60Hz | DC 12-48V⎓ ⌵⌵ max. 10% | DC 12-48V⎓ ⌵⌵ max. 10% | DC 12-48V⎓ ⌵⌵ max. 10% |
| Power consumption | 8VA/6W | 4,2W | 4,2W | 4,2W |
| Switching capacity ⎯⎽ | 4 x 10A 250V; Sum of current max. 20A | | | |
| Temperature range | Tu: -25…+55° C; Rel. humidity: 10…95% (non condensing); Protection IP 20 | | | |
| Inputs | 6 x digital (trigger level 85V~) | 6 x digital (trigger level 9,5V⎓) | 6 x digital and/or alalog (trigger level 9,5V⎓) (analog 0-10V⎓) | 2 x analog (4-20mA) 4 x digital and/or alalog (trigger level 9,5V⎓) (analog 0-10V⎓) |
| Outputs | 4 x CO contacts µ 10A/250V AC-1 | | | |
| Provider (Phone/Network) | User selectable (dependent on SIM card) | | | |
| Frequency | GSM QuadBand (850; 900; 1800; 1900 MHz) | | | |

## Installation note

The base unit device is delivered fully operational and includes the small aerial CMS-ANT.

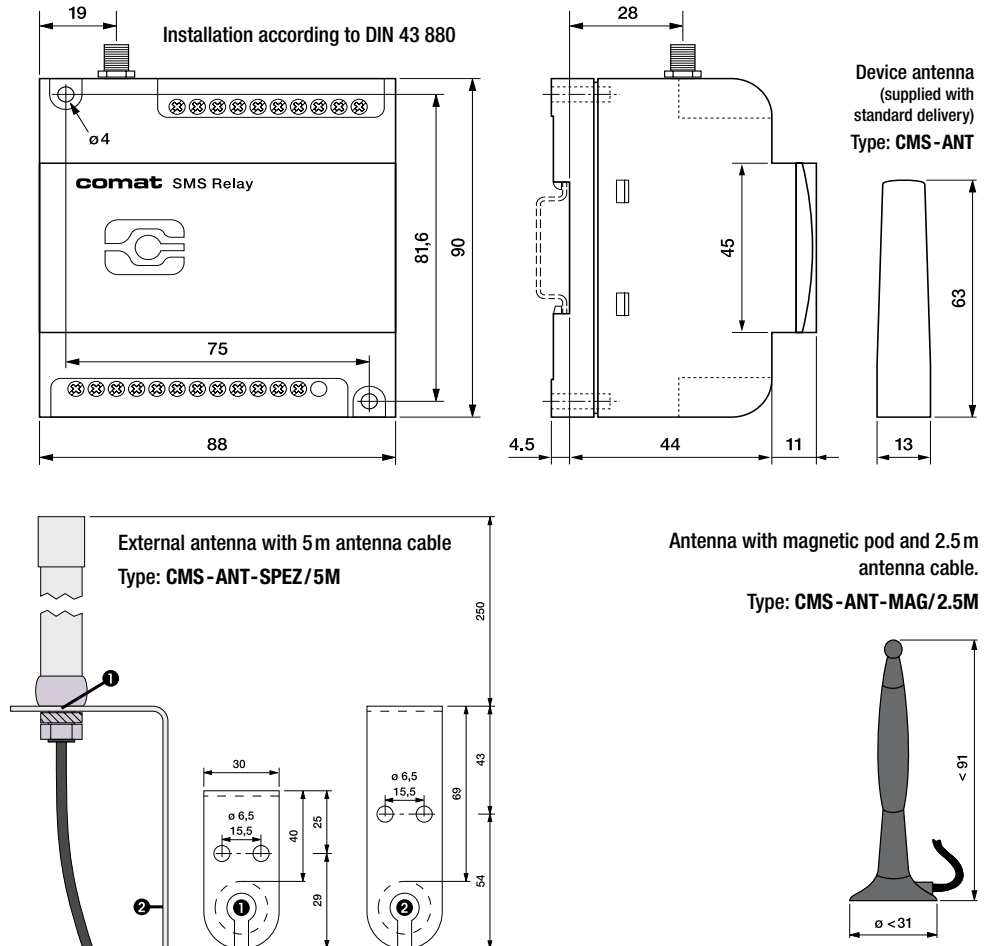Before installation, the final location of installation must be taken into consideration.

For installation inside a control panel, the small device aerial may not be suitable and needs to be replaced by the antenna with magnetic pod (CMS-ANT-MAG/2.5M) or by the external antenna (CMS-ANT-SPEZ/5M). These two antennas provide considerably better results and improve communication with the mobile network.

Please ask our product specialists if you require any support.

## Dimensions

Installation according to DIN 43 880

comat SMS Relay

Device antenna
(supplied with standard delivery)
Type: CMS-ANT

External antenna with 5m antenna cable
Type: CMS-ANT-SPEZ/5M

Antenna with magnetic pod and 2.5m antenna cable.
Type: CMS-ANT-MAG/2.5M

This issue replaces all previous issues. Availability, errors and specifications subject to change without notice.

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| Typ | Description |
|-----|-------------|
| CMS-10F/AC110-240V | SMS Relay AC 110-240V with 6 digital inputs incl. small antenna (CMS-ANT) |
| CMS-10F/DC12-48V | SMS Relay DC 12-48V with 6 digital inputs incl. small antenna (CMS-ANT) |
| CMS-10ADF/DC12-48V | SMS Relay DC 12-48V with 6 digital and analog inputs incl. small antenna (CMS-ANT) |
| CMS-10ACDF/DC12-48V | SMS Relay DC 12-48V with 2 anlog current inputs and 4 analog and/or digital voltage inputs, incl. small antenna (CMS-ANT) |
| | |
| KIT consisting of: A base unit with small antenna, antenna with magnetic pod and 2.5m cable, programming cable, USB-RS232 Interface connector, CD with «FAST SMS SET™»-up programming software and operation manual | |
| CMS-10FKIT/AC110-240V | Installation kit complete with 6 digital inputs (SMS Relay AC110-240V) |
| CMS-10FKIT/DC12-48V | Installation kit complete with 6 digital inputs (SMS Relay DC12-48V) |
| CMS-10ADFKIT/DC12-48V | Installation kit complete with 6 digital and/or analog inputs (SMS Relay DC12-48V) |
| CMS-10ACDFKIT/DC12-48V | SMS Relay Kit DC12-48V with 2 anlog current inputs and 4 analog and/or digital voltage inputs |
| | |
| Accessories | |
| CMS-RS232 | SMS Relay programming cable RS232 |
| CMS-USB | USB-RS232 interface connector (including driver CD) |
| CMS-ANT | Small spare antenna for base unit, 63mm long |
| CMS-ANT-MAG/2.5M | Antenna with magnetic pod and 2.5m antenna cable |
| CMS-ANT-SPEZ/5M | External antenna with 5m antenna cable |
| CMS-ANT-KAB/5M | Antenna cable 5m (extension) |
| CMS-ANT-KAB/10M | Antenna cable 10m (extension) |
| CMS-ANT-KAB/20M | Antenna cable 20m (extension) |
| CMS-CAP | Device cover (spare) |
| CMS-CD | CD with FAST SMS SET -up programming software and manual |
| DR-15-24 | Power supply 15W, 24V. DIN-rail mounting |
| DR-30-24 | Power supply 36W, 24V. DIN-rail mounting |
| ZPT-10-H | PT100/PT1000 Amplifier |
| RF01-U | Room temperature sensor 0…50°C without display |
| RF01-U-D | Room temperature sensor 0…50°C with display |
| RTBSB-001-010 | Room thermostat 5…30°C with operating controls |
| WF50 ext-U | Outdoor temperature sensor -50…+50°C |
| KS-110 | AC sensor for monitoring of humidity and temperature in control panels, archives and cabinets |
| PS1 | Water gauge suitable for application of level measurements in water installations |

**Type**



| CMS-10F/… | SMS Relay |
|-----------|-----------|
| CMS-10ADF/… | • SMS Relay incl. small antenna 63mm |
| CMS-10ACDF/… | • WITHOUT programming cable, magnetic pod antenna, USB converter and programming software |
| | • Suitable for user which already possess the accessories |



| CMS-10FKIT/… | SMS Relay KIT |
|--------------|---------------|
| CMS-10ADFKIT/… | • SMS Relay incl. small antenna 63mm |
| CMS-10ACDFKIT/… | • Including programming cable, magnetic pod antenna with 2.5m cable, USB converter USB-RS232, and programming software "FASTR SMS SET™" with manual |
| | • Suitable for user first user |

# Accessories

Type

---

**DR-15-24**    **Power supply**

- Input
  Voltage range:                85-264V AC, 120-370V DC
  Frequency range:              47-63Hz
  Max. current:                 0,88A
- Output
  DC Nominal voltage:           24V
  Setting range:                21,6-26,4V
  Power range:                  0-0,63A
  Nominal load:                 15,2W

---

**DR-30-24**    **Power supply**

- Input
  Voltage range:                85-264V AC, 120-370V DC
  Frequency range:              47-63Hz
  Max. current:                 0,88A
- Output
  DC Nominal voltage:           24V
  Setting range:                21,6-26,4V
  Power range:                  0-1,5A
  Nominal load:                 36W

---

**ZPT-10-H**    **PT100/PT1000 Amplifier**

- Input:        PT100; PT1000: 2-, 3-line switching
- Output:       0…10V DC
- Supply voltage:   15…35V DC
- DIN rail mounting

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**RF01-U**    **Room temperature sensor without display**

- Integrated transducer
- Output:           0…10V DC
- Measuring range:  0°C…50°C
- Supply voltage:   24V DC

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**RF01-U-D**    **Room temperature sensor with integrated display**

- Integrated transducer
- Output:           0…10V DC
- Measuring range:  0°C…50°C
- Supply voltage:   24V DC

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**RTBSB-001-010**    **Room thermostat with operating controls**

- Suitable for temperature monitoring in closed rooms
- Output:           1 CO
- Setting range:    5°C…30°C
- Supply voltage:   230V AC (24V DC)

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**WF50 ext-U**    **Outdoor temperature sensor**

- Sensor for temperature measuring outdoors or in industrial storage- or cold chambers
- Output:           0…10V DC
- Measuring range:  -50°C…+50°C
- Supply voltage:   15…24V DC
- Protection class: IP65

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# Accessories

Type

**KS-110**        **AC sensor for indoors and outdoors**

- Measuring of humidity and temperature in control panels, archives and cabinets
- **Temperature**
  - Measuring range:        -40 °C…+80 °C
  - Measuring element:        Solid state
  - Output:        0-10V
- **Humidity**
  - Measuring range:        0%…100% relative humidity
  - Measuring element        Capacitive
  - Output:        0-10V

**PS1**        **Level and water gauge**

- Suitable for applications in fountains or in water installations up to a depth of 5m (0-0.5 bar)
  Additional measuring ranges on request.
- Cable in special design with pressure compensation line
- Output signal:        0-10V, 3-wire
- Application temperature:        +5 °C bis +70 °C

**App SMSrelay**        **App for Android operated smart phones**

The App is available free of charge in the Google Playstore.

SMS Relay 5.0

5

# Notes

SMS Relay 5.0

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## Notes