# Humidity product accessories

## Filter caps for humidity transmitters

The right choice of appropriate filter cap is essential for best long term performance in the application. For assistance please contact  a Setra system representative.

| Filter name | Materials | Features | Applications | Order code |
|---|---|---|---|---|
| **Membrane filter**  | Body: polycarbonate<br>Filter: PTFE membrane<br>Pore size: 1µm<br>Length: 1.34" (34mm) | T range: -40...180°F(-40...80°C)<br>Response time $t_{10/90}$: 15s | Very good protection against fine dust:<br>• Building automation<br>• Dusty environment | SRHMF |
| **Stainless steel sintered filter**  | Material: sintered stainless steel<br>Pores size: 10µm<br>Length: 1.30" (33mm) | T range: -40...355°F(-40...180°C)<br>Response time $t_{10/90}$: 30s | For high mechanical stress and strong pollution:<br>• Industrial process control<br>• Agriculture<br>• Live stock barns<br>• Unsuitable for condensing environment | SRHSS |
| **Plastic grid filter**  | Material: polycarbonate | T range:-40 to 200°F | Applications with no airborne contaminants:<br>• Mechanical protection only | SRHPF |
| **PTFE-filter Ø12mm**  | Material: PTFE sintered<br>Pores size: 50µm<br>Length: 1.30" (33mm) | T range: -40...355°F(-40...180°C)<br>Response time $t_{10/90}$: 14s | For very dirty, oily environment:<br>• Industrial process control<br>• Chemical industry<br>• Very polluted environment<br>• Unsuitable for condensing environment | SRHMG |
| **Metal grid filter**  | Body: polycarbonate<br>Filter: stainless steel wire mesh<br>Pore size: 30µm<br>Length: 1.30" (33mm) | T range: -40...250°F(-40...120°C)<br>Response time $t_{10/90}$: 15s | For high RH/ condensing environment, low mechanical stress and low pollution level:<br>• Climate control<br>• Dryers and humidifiers<br>• HVAC | SRHHP |
| **H2O2- filter**  | Material: PTFE sintered<br>Pores size: 50µm<br>Length: 1.30" (33mm) | T range: -40...355°F(-40...180°C)<br>Response time $t_{10/90}$: 14s | Catalytic filter for $H_2O_2$ environment:<br>• Pharma<br>• Biotech<br>• Sterilization with $H_2O_2$ | SRHSMF |

# Mounting flanges

| Flange name | Suitable for | Dimensions | Order code |
|---|---|---|---|
| **Duct mounting kit (stainless steel)** | SRH400 |  | SRHDMK |
| **Wall mounting clip for probe Ø12mm** | SRH300 remote probe<br>SRH400/SRP400 remote probe |  | SRHWMC |
| **Plastic mounting flange 12mm; black** | SRH200<br>SRH300<br>SRH400<br>SRP400 |  | SRHMFB (black)<br>SRHMFG (light grey) |
| **Stainless steel wall mounting clip, 12mm** | SRH400<br>SRP400 |  | SRHSMC |
| **Stainless steel flange, 12mm** | SRH400<br>SRP400 |  | SRHSMF |
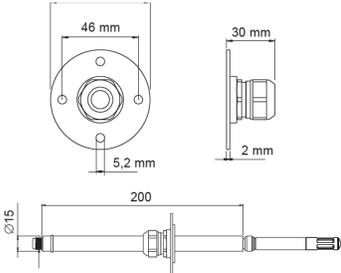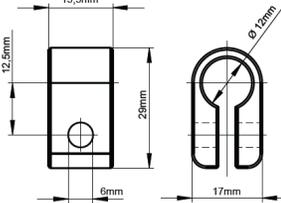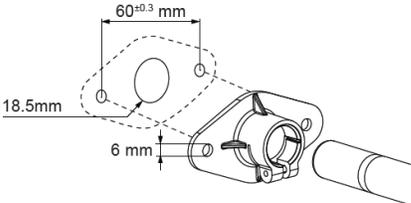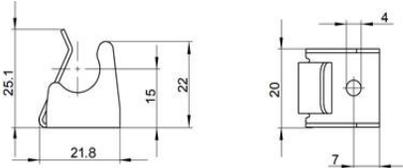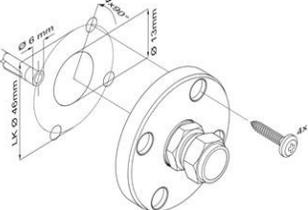
# Product Configuration

| Configurater | Materials | Features | Order code |
|---|---|---|---|
| **Configuration adapter transmitter to RS232 and USB**<br> | Converter unit<br>USB<br>RS232 connection cables | View actual measured data<br>Selection of physical quantities and measurement units at the outputs<br>Output scaling<br>Offset 1 or 2 point adjustment<br>Settings of alarm outputs<br>Display settings<br>Digital communication settings | SETRAPCA1 |

| Adapter name | Description | Order code |
|---|---|---|
|  | Configuration cable for SRH200 analog | SETRAPCA2 |
|  | Configuration cable for SRH300 & SRH200 digital configurater | SETRAPCA3 |
|  | Configuration cable for SRH400 | SETRAPCA4 |

# Cable for SRH400

| Cable name | Length | Description | Order code |
|---|---|---|---|
| **Remote probe extension cable** | | | |
|  | 2 meter<br>5 meter<br>10 meter | Connecting cables for SRH400<br>5 pole, M12x1 plug-socket, shielded<br>(shield connected to pin 5), PUR | SRC400W<br>SRC400F<br>SRC400X |

# Temp Sensor Probe

| Probe name | Materials | Features | Order code |
|---|---|---|---|
| **SRH400 temperature sensor** | | | |
|  | Stainless steel | Very low power consumption<br>Outstanding RH and T accuracy<br>Excellent long term stability<br>Pluggable and interchangeable | SRP400TPNNM |
| **SRH400 humidity/temperature sensor with coating** | | | |
|  | Stainless steel | Very low power consumption<br>Outstanding RH and T accuracy<br>Excellent long term stability<br>Pluggable and interchangeable | SRP400HTMGM |