S+S REGELTECHNIK

THERMASGARD®   **FSTM / FSTM-P**
HYGRASGARD®   **FSFM / FSFTM**
AERASGARD®   **FSLQ / FSTM-CO2**
PHOTASGARD®   **FSHKM**
KINASGARD®   **FSBWF**

Modbus

ACTIVE AND MODBUS CAPABLE **ROOM SENSORS**,
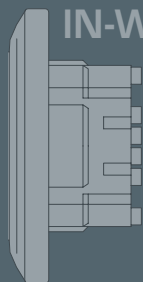**IN-WALL** IN PANEL SWITCH PROGRAMMES

PROUDLY
MADE IN
GERMANY

PRODUCT RANGE 2023

FÜHLBARE PRÄZISION

ROOM SENSORS
IN-WALL

Ttemperature sensor
with potentiometer
THERMASGARD®
FSTM-U P

149,38 €

Light intensity sensor
(photo diode)
PHOTASGARD®
FSHKM

245,70 €

Motion sensor,
presence detector
KINASGARD®
FSBWF-W

245,70 €

Air-quality sensor
VOC
AERASGARD®
FSLQ

245,70 €

Air-quality sensor
CO2
AERASGARD®
FSCO2

337,90 €

Humidity and
temperature sensor
HYGRASGARD®
FSFTM

246,60 €

Humidity sensor
HYGRASGARD®
FSFM

239,49 €

Temperature sensor
THERMASGARD®
FSTM

125,67 €

FS xx	In-wall sensor with active output						
Type	**Measuring Range** Temperature	Humidity	**further Parameters**	**Control element**	**Output**	**Item No.**	**Price**
FSTM							
FSTM-U	0…+50 °C	–	–	–	0 - 10 V	1101-9121-0000-162	**125,67 €**
FSTM-U P	0…+50 °C	–	–	Potentiometer	0 - 10 V	1101-9121-0004-282	**149,38 €**
FSFM / FSFTM	–						
FSFM-U	–	0…100 % RH	–	–	0 - 10 V	1201-9121-0000-162	**239,49 €**
FSFTM-U	0…+50 °C	0…100 % RH	–	–	0 - 10 V	1201-9121-1000-162	**246,60 €**
FSCO2 / FSTM-CO2			CO2				
FSCO2-U	–	–	0…2000 ppm	–	0 - 10 V	1501-9120-1001-162	**337,90 €**
FSTM-CO2-U	0…+50 °C	–	0…2000 ppm	–	0 - 10 V	1501-9122-1001-162	**342,64 €**
FSLQ			VOC [1]				
FSLQ-U	–	–	0…100 % VOC	–	0 - 10 V	1501-5120-1000-162	**245,70 €**
FSHKM			LUX [2]				
FSHKM-U 1K	–	–	0…1 kLux	–	0 - 10 V	1601-5121-7000-162	**245,70 €**
FSBWF-W			Motion				
FSBWF-W	–	–	Yes / No	–	**Changeover contact**	1401-5120-3000-162	**245,70 €**

[1] This unit must **not** be used as a safety-relevant device!

[2] Optionally other individual measuring ranges, e. g. 100 kLux, on request!

Humidity, temperature
and CO2 sensor
with potentiometer

AERASGARD®
FSFTM - CO2 - Modbus P

462,39 €

Humidity and
temperature sensor
with potentiometer

HYGRASGARD®
FSFTM - Modbus P

314,18 €

Humidity, temperature
and CO2 sensor

AERASGARD®
FSFTM - CO2 - Modbus

374,65 €

Humidity and
temperature sensor

HYGRASGARD®
FSFTM - Modbus

290,47 €

Temperature, humidity, CO2 and VOC content of the room air are all important factors for a comfortable indoor climate. This requires accurate readings. That's why we have expanded our range with active (0-10V) and Modbus-capable room sensors for in-wall installation.

The in-wall sensors are compatible with high-quality brand panel switch programmes, such from Gira (standard) as well Berker, Merten, Jung, Siemens oder Busch-Jaeger (using in-wall adapters). They can be mounted either individually or in combination with other devices, such as light switches or socket outlets. Depending on the version, they are also available as room control units with setpoint adjustment.

The in-wall sensors find their use in non-aggressive, dust-free environments, in refrigeration, air conditioning and clean room technology as well as in interior spaces, such as living rooms, offices, hotels, etc.

For further information, see our catalog or in our online shop at www.SplusS.de

FS xx - Modbus	In-wall sensor with Modbus connection					✳Modbus ⊞ 🌢🌢 CO₂	
Type	Measuring Range Temperature	Humidity	further Parameters	Control element	Output	Item No.	Price
FSFTM - Modbus	–		3				
FSFTM-Modbus	0…+50 °C	0…100 % RH	0…80 g / kg (MV) 0…80 g / m³ (a.F.) 0…85 kJ / kg (ENT.) −20…+80 °C (TP)	–	Modbus	1201-9226-1000-162	**290,47 €**
FSFTM-Modbus P	0…+50 °C	0…100 % RH	as above	Potentiometer	Modbus	1201-9226-1400-282	**314,18 €**
FSFTM - CO2 - Modbus			CO2				
FSFTM-CO2-Modbus	0…+50 °C	0…100 % RH	0…5000 ppm	–	Modbus	1501-9226-6001-162	**374,65 €**
FSFTM-CO2-Modbus P	0…+50 °C	0…100 % RH	0…5000 ppm	Potentiometer	Modbus	1501-9226-6501-282	**462,39 €**

3 The following parameters are calculated internally from the measured values:
relative humidity [% RH], absolute humidity [g / m³], mixture ratio [g / kg], dew point temperature [°C], enthalpy [kJ / kg] (ignoring atmospheric air pressure) and temperature [°C].

![S+S REGELTECHNIK logo]

PROUDLY MADE IN GERMANY

S+S stands for a fully integral value chain. All products are designed, developed, manufactured and programmed in-house.

The new S+S company headquarters on a total area of 14,000 m² in Nordostpark on the outskirts of Nuremberg offers a seamlessly integrated production and development environment with excellent air and road links.

BROAD PORTFOLIO

Our sensors, transmitters, thermostats, hygrostats, monitors, controllers and room climate controllers for facility and industry engineering are designed to be multifunctional. This reduces the diversity of types and expands their application potential. Thanks to microprocessor technology, almost any measuring range can be represented, including custom specifications.

A PASSION FOR INNOVATION

S+S Regeltechnik GmbH defines itself as a flexible and reliable partner for your requirements, from the single device to networked facility and industry automation. To us, innovation means to lead the market both in technology and in quality. This is how we back up your investment in products that express our passion for precision.

APPROVED SAFETY

All devices are function tested as well as calibrated in-house prior to shipment and meet strict safety, quality and sustainability standards.

CERTIFIED QUALITY

Our development and production in Nuremberg, Germany, is certified by the Technical Inspection Authority (TÜV) in Thuringia to DIN EN ISO 9001:2015.

S+S REGELTECHNIK GMBH
THURN-UND-TAXIS-STR. 22
90411 NUREMBERG / GERMANY

PHONE +49 (0) 911 / 5 19 47-0

mail@SplusS.de
www.SplusS.de

You can find technical data and further information in our web shop or catalogue.

For fast & direct ordering, visit **www.SplusS.de**