



S+S REGELTECHNIK



EtherCAT[®] P

THE NEW SINGLE-CABLE SOLUTION ON
THE WAY TO CABINET-FREE AUTOMATION



PRODUCT RANGE 2024



FÜHLBARE PRÄZISION



S+S REGELTECHNIK



**THERMASGARD®
ATM2-EtherCATP**
On-wall / Outside
temperature sensors

356,23 €



**THERMASGARD®
TM65-EtherCATP**
Immersion / duct
temperature sensors

399,87 €



**THERMASGARD®
MWTM-EtherCATP**
Mean value
temperature sensors

443,94 €



**THERMASGARD®
HFTM-EtherCATP**
Sleeve
temperature sensors

412,77 €

THERMASGARD®
Temperature sensors with EtherCATP connection



Type / WG02	Measuring Range / Readout Temperature	Protective tube / Sensor Protection	Display Bargraph	Item no.	Price
ATM2-EtherCATP Outside temperature / wet room temperature measuring transducers					
ATM2-ECATP	-50...+150 °C	Ø 6 mm, nominal length = 65 mm	<input type="checkbox"/>	2001-6201-9100-001	356,23 €
ATM2-ECATP LCD			<input type="checkbox"/>	2001-6202-9100-001	403,86 €
TM65-EtherCATP Immersion / screw-in / duct temperature measuring transducers					
TM65-ECATP 50mm	-50...+150 °C	Ø 6 mm, inserted length = 50 mm	<input type="checkbox"/>	2001-4201-9100-011	352,21 €
TM65-ECATP 50mm LCD			<input type="checkbox"/>	2001-4202-9100-011	399,87 €
TM65-ECATP 100mm	-50...+150 °C	Ø 6 mm, inserted length = 100 mm	<input type="checkbox"/>	2001-4201-9100-021	352,65 €
TM65-ECATP 100mm LCD			<input type="checkbox"/>	2001-4202-9100-021	400,31 €
TM65-ECATP 150mm	-50...+150 °C	Ø 6 mm, inserted length = 150 mm	<input type="checkbox"/>	2001-4201-9100-031	353,13 €
TM65-ECATP 150mm LCD			<input type="checkbox"/>	2001-4202-9100-031	400,76 €
TM65-ECATP 200mm	-50...+150 °C	Ø 6 mm, inserted length = 200 mm	<input type="checkbox"/>	2001-4201-9100-041	353,57 €
TM65-ECATP 200mm LCD			<input type="checkbox"/>	2001-4202-9100-041	401,21 €
TM65-ECATP 250mm	-50...+150 °C	Ø 6 mm, inserted length = 250 mm	<input type="checkbox"/>	2001-4201-9100-051	354,00 €
TM65-ECATP 250mm LCD			<input type="checkbox"/>	2001-4202-9100-051	401,64 €
TM65-ECATP 300mm	-50...+150 °C	Ø 6 mm, inserted length = 300 mm	<input type="checkbox"/>	2001-4201-9100-061	354,45 €
TM65-ECATP 300mm LCD			<input type="checkbox"/>	2001-4202-9100-061	402,09 €
TM65-ECATP 400mm	-50...+150 °C	Ø 6 mm, inserted length = 300 mm	<input type="checkbox"/>	2001-4201-9100-081	354,90 €
TM65-ECATP 400mm LCD			<input type="checkbox"/>	2001-4202-9100-081	402,53 €
Basic device combines with S+S accessory for use as immersion, screw-in or duct sensor.					
MWTM-EtherCATP Mean value temperature measuring transducers / rod sensors, incl. mounting flange					
MWTM-ECATP 0,4m	-50...+150 °C	Ø 5 mm, rod length = 0.4 m	<input type="checkbox"/>	2001-4211-9100-001	396,29 €
MWTM-ECATP 0,4m LCD			<input type="checkbox"/>	2001-4212-9100-001	443,94 €
MWTM-ECATP 3,0m	-50...+150 °C	Ø 5 mm, rod length = 3.0 m	<input type="checkbox"/>	2001-4211-9100-011	431,92 €
MWTM-ECATP 3,0m LCD			<input type="checkbox"/>	2001-4212-9100-011	479,57 €
MWTM-ECATP 6,0m	-50...+150 °C	Ø 5 mm, rod length = 6.0 m	<input type="checkbox"/>	2001-4211-9100-021	476,45 €
MWTM-ECATP 6,0m LCD			<input type="checkbox"/>	2001-4212-9100-021	524,09 €
Rod material: copper sensor tube, plastic-coated, nominal length optional up to max. 20m					
HFTM-EtherCATP Sleeve sensor with temperature measuring transducer					
HFTM-ECATP	-50...+150 °C	Ø 6 mm, nominal length = 50 mm	<input type="checkbox"/>	2001-2161-9100-001	365,14 €
HFTM-ECATP LCD			<input type="checkbox"/>	2001-2162-9100-001	412,77 €
Sensor sleeve made of stainless steel V4A (1.4571), nominal length optional 30...400mm					
ALTM2-EtherCATP Surface contact / tube contact temperature measuring transducers, incl. strap					
ALTM2-ECATP	-50...+150 °C	Ø 6 mm, nominal length = 50 mm	<input type="checkbox"/>	2001-2171-9100-001	368,41 €
ALTM2-ECATP LCD			<input type="checkbox"/>	2001-2172-9100-001	416,07 €
Connection cable made of silicone, SIHF, 2 x 0.25 mm², cable length = 1.5 m (other lengths optional)					



THERMASGARD®
ALTM2-EtherCATP
Tube contact
temperature sensors

416,07 €



HYGRASGARD®
AFTF-EtherCATP
On-wall humidity and
temperature sensors

426,13 €



HYGRASGARD®
KFTF-EtherCATP
Duct humidity and
temperature sensors

448,40 €



PREMASGARD®
612x-EtherCATP
Differential
pressure sensors

421,68 €

HYGRASGARD®
Humidity and temperature sensors with EtherCATP connection



Type/WG02	Measuring Range/Readout	Temperature	Display Bargraph	Item no.	Price
AFTF-EtherCATP On-wall humidity and temperature measuring transducers					
AFTF-ECATP	0...100% RH (default)	-35...+80 °C		2003-6261-9100-001	378,48 €
AFTF-ECATP LCD	0...80 g/kg (MR) 0...80 g/m ³ (A.H.) 0...85 kJ/kg (ENT.) -20...+80 °C (DP)		<input type="checkbox"/> <input checked="" type="checkbox"/>	2003-6262-9100-001	426,13 €
KFTF-EtherCATP Duct humidity and temperature measuring transducers, incl. mounting flange					
KFTF-ECATP	0...100% RH (default)	-35...+80 °C		2003-4221-9100-001	400,76 €
KFTF-ECATP LCD	0...80 g/kg (MR) 0...80 g/m ³ (A.H.) 0...85 kJ/kg (ENT.) -20...+80 °C (DP)		<input type="checkbox"/> <input checked="" type="checkbox"/>	2003-4222-9100-001	448,40 €

Data points: temperature [°C], relative humidity [% RH], dew point [°C], absolute humidity [g/m³], mixture ratio [g/kg], enthalpy [kJ/kg]

PREMASGARD®
Pressure sensors with EtherCATP connection



Type/WG02	Measuring Range/Readout	Display Bargraph	Item no.	Price
612x-EtherCATP Pressure and differential pressure measuring transducers, incl. connection set				
PREMASGARD 6128-ECATP	- 500... +500 Pa		2004-6271-9100-011	374,03 €
PREMASGARD 6128-ECATP LCD		<input type="checkbox"/> <input checked="" type="checkbox"/>	2004-6272-9100-011	421,68 €
PREMASGARD 6127-ECATP	- 7000...+7000 Pa		2004-6271-9100-001	374,03 €
PREMASGARD 6127-ECATP LCD		<input type="checkbox"/> <input checked="" type="checkbox"/>	2004-6272-9100-001	421,68 €

ADVANTAGES AT A GLANCE

- **Single-cable solution with free choice of topology**
communication and power on one single cable, for combination with line, star and tree structures
- **Implicit EtherCAT bus configuration and diagnosis**
straightforward integration at PLC level using the ESI configuration file of the device, and communication fault counter for quick communication problem location
- **Fast standard industrial bus (Industry 4.0)**
intelligent machine-to-machine communication
- **Standardised M8 connector**
minimal wiring thanks to safe and quick plug-screw connection

S+S ADDED VALUE

- **Wireless communication option**
Bluetooth-capable devices
- **Writable LCD display**
large back-lit three-line display, individually programmable
- **Configurable LED display**
individually configurable bar graph with 7 colour LEDs (e.g. as traffic light indicator)
- **Additional configuration possibilities**
e.g. measuring value, filtering, sampling time
- **Extended sensor data**
e.g. retrievable history (min/max/mean) and service interval determination depending on stress and sensor type





S+S REGELTECHNIK



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

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

Development, manufacturing and sales in Nuremberg are certified by TÜV Thüringen according to DIN EN ISO 9001:2015 (quality management) and DIN EN ISO 14001:2015 (environmental management).

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



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