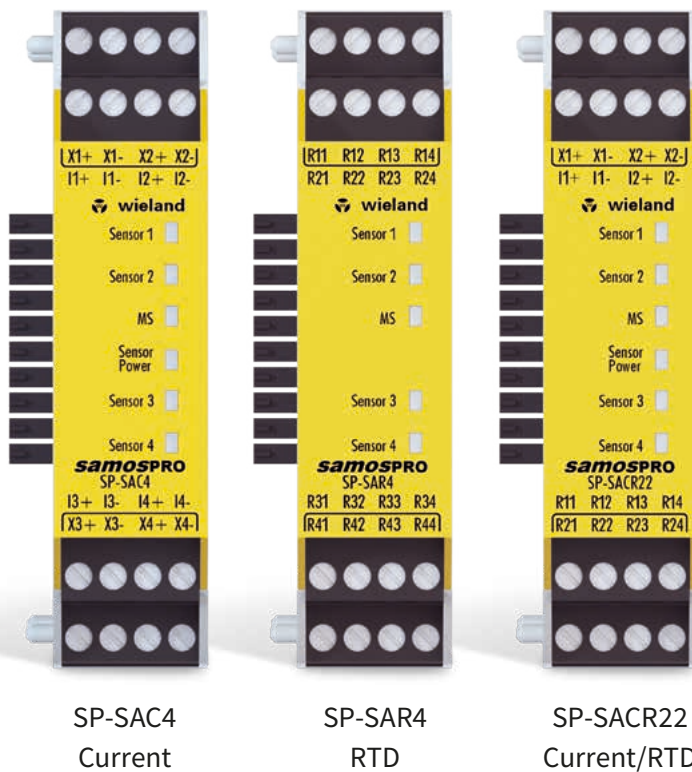


samos® PRO COMPACT

SAFE ANALOG MODULE

easy + effective + analog + safe



YOUR BENEFITS:

- + Save time**
Input/output signals can be placed on the gateway by just one click
- + Flexible connections**
3 modules – current, RTD or combined current/RTD module available
- + Safe operation**
TÜV and UL certificates for the process and mechanical engineering industry



The new generation of analog input modules intelligently expand the samos® PRO safety controller module series with the usual simplicity. Likewise, safety-oriented basics are provided in function blocks under the new license-free software version 1.3.0 from samos® PLAN 6. General limit value calculations, ratios, differences and range monitoring functions can be created without a problem.

No matter whether you want to evaluate, monitor or visualize analog sensors for fill level monitoring, minimum/maximum pressure, flow rates and quantities of all types of media, temperature monitors or simple external universal transmitters. You can now use samos® PRO COMPACT to achieve all this for your project without license costs and with up to three parallel field buses.

CONNECTABLE SENSORS/TRANSMITTERS:



Strength



Temperature



Pressure



Flow



Distance/
angle



Measuring
transducer



Flow rate/
quantities



APPLICATIONS

- Process industry
- Machine building
- Thermoprocessing plants
- Steam boiler systems
- Wind power plants
- Elevators
- Presses
- Conveyors



FEATURES

- 4 safe analog inputs
- RTD-Modules (PT100, ...)
- Power modules (0/4..20 mA)
- Power and RTD modules
- 16 Bit resolution
- Galvanic isolation
- TUEV and UL approvals



YOUR BENEFIT

- Safety functions up to SIL3/PLE
- Sensors in 2/3/4-wire technology
- Fast, visual diagnosis with LEDs
- 48 analog sensors can be connected
- Transmission of all analog sensors to HMIs or other controllers
- Dimensioning and scaling of all analog sensors

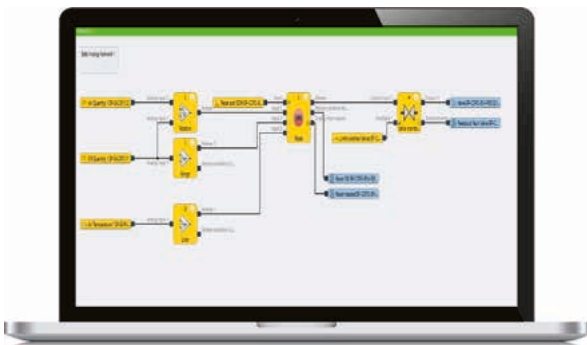
SOFTWARE.



SAMOS® PLAN 6 PROGRAMMING SOFTWARE

The new combustion technology library is available especially for industrial thermoprocessing plants and steam boiler applications in samos® PLAN 6. This library makes safety-oriented function blocks according to EN746-2 or EN50156 extremely easy to use.

- + Intuitive + flexible + license-free
- + Error-free software due to simulation and virtual oscilloscope
- + Automatic verification report on the complete software project in samos® PLAN 6
- + Extremely simple combining with HMI-ECO panels



OVERVIEW PART NUMBERS.

Model	Nominal voltage	Terminals	Comments	Art. No.	PU
SP-SAR4-A	DC 24 V	Screw terminals, pluggable	4 safe inputs RTD	R1.190.1610.0	1
SP-SAR4-C	DC 24 V	Push-in terminals, pluggable	4 safe inputs RTD	R1.190.1620.0	1
SP-SAC4-A	DC 24 V	Screw terminals, pluggable	4 safe inputs 0-20 mA	R1.190.1630.0	1
SP-SAC4-C	DC 24 V	Push-in terminals, pluggable	4 safe inputs 0-20 mA	R1.190.1640.0	1
SP-SACR22-A	DC 24 V	Screw terminals, pluggable	2 safe inputs RTD, 2 safe inputs 0-20 mA	R1.190.1650.0	1
SP-SACR22-C	DC 24 V	Push-in terminals, pluggable	2 safe inputs RTD, 2 safe inputs 0-20 mA	R1.190.1660.0	1



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