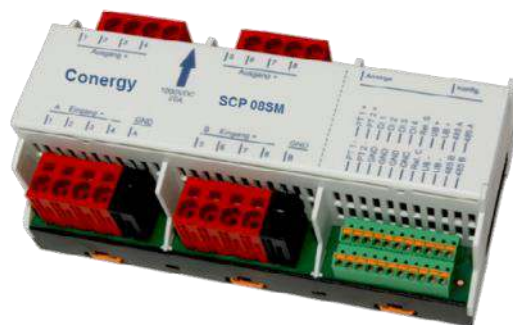


Component Solutions: The SmartConnect Retrofit

The SCP 08SM string monitoring system can be used optionally in the SmartConnect Retrofit. It individually monitors up to 8 inputs.

Key Features

- ✓ Collection of the solar module's actual DC power
- ✓ Every SCP 08SM is delivered with an individual multi-point calibration.
- ✓ Connection of the string monitors via a 2-wire RS485 Modbus RTU Protocol
- ✓ Up to 253 SCP 08SM can be connected to every bus
- ✓ The address can be displayed and configured directly on the device without a PC
- ✓ Manufactured in Germany and is certified according to ISO9001:2008



Product Information

Input Data

Measurement channels (current)	8 (max. 20 A)
Measurement channels (voltage)	8 (max. 1000 V)
Connection	spring-cage connection max. 6 mm ²
Measurement channels (temperature)	2 (plus 1 internal) PT1000 2 wire 40 to 160 °C
Digital inputs	4 (output status 0/1)
Connection	spring-cage connection max. 1 mm ²
Supply voltage	9 – 36 V DC / 0,5 W
Operating temperature range	- 30 °C to 70 °C
Operating humidity range	0 – 70 % RH
Communications interface	Modbus RTU Address 1-253
Housing material	plastic
Protection rating	IP 20 according to DIN 40 050-9/5.93
Dimensions (L/W/H)	161 x 90 x 60 mm

Use

The SCP08SM can only be used in connection with the SmartConnect Retrofit which is separately available.