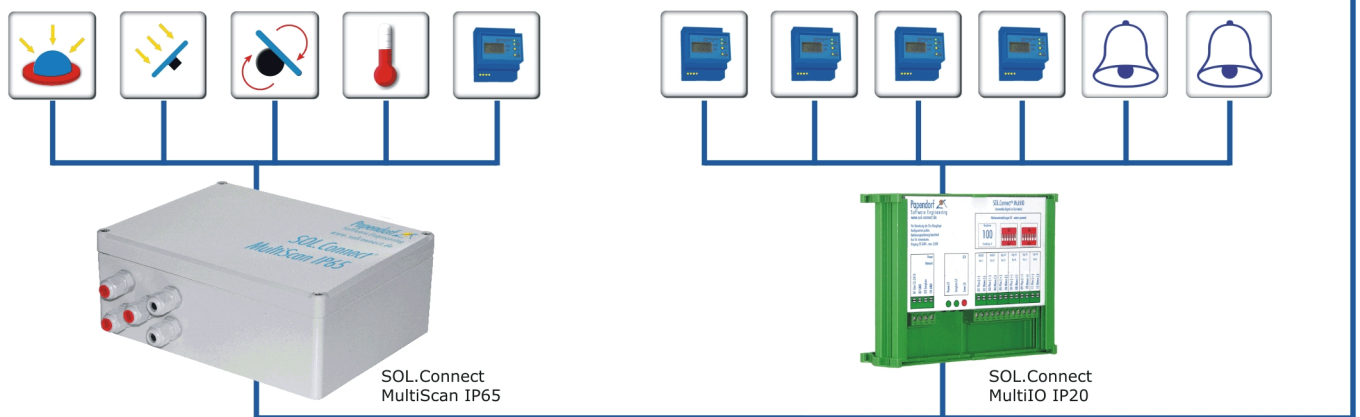


Addition modules for measuring value logging and in/output per SOL.Connect® Center

- Weather-, climate-, and environmental data allow general conclusions over the yield situation. Position- and plant specific data are necessary to reliably check qualitative properties for solar constructions (e.g. in terms of comparison between is and ought to be).
- SOL.Connect® MultiScan**— universal A/D-converter module for integration of transducers, sensors, counters or transmitters
- SOL.Connect® MultiIO** - universal IO-module as addition for the SOL.Connect® Centers for the integration of fault sensors or counters, 4 inputs, 2 in/output selectable



SOL.Connect® MultiIO

- Logging of digital transmitter and counters
- 6 optically decoupled S0-inputs, e.g. for integration of electricity meters with pulse output according to DIN 43864 or transmitter
- 2 inputs configurable as output
Relay outputs (500mA, max. switchin voltage 36 V_{dc})
- Internal auxiliary supply for every input separately configurable via DIL-Switch (galvanically isolated, fused over 2,2k)

SOL.Connect® MultiScan

- 6 analog ports (16 Bit resolution), configurable
- 2 optically decouple S0-inputs
- Logging pattern 1 min, resp. 10s as average or spot value, chronologically synchronized

MultiScan und MultiIO

- Curable via field bus „EasyLan“ up to 2000m cable length
- Power supply: 12-24Vdc, 1mA .. 40mA according to the circuit centralized or decentralized supply
- Operating temperature: -10°C ... +50°C
- Models:
 - IP40 aluminium profile case: 110 x 60 x 25mm (W x H x D)
 - IP65 polycarbonate: 200 x 150 x 77mm (W x H x D)
- CE- certified
- Exclusively usable with **SOL.Connect® Center** products

Sensors

- Resistance sensor with 2-wire system (uses 2 analog ports)
resistance sensor with 4-wire system (uses 3 analog ports)
PT1000, PT100, rotation input type encoder, etc
- Voltage transmitter: uniform current signal, free measurement range 0-150mV_{dc} up until 0-10V_{dc}
- Current transmitter: uniform current signal 0-20mA
- Sensors
e.g. Rotation input type encoder, float, anemometer, pyranometer, silicon cell, circulation counter, impulse generator and more
- Impulse transmitter: bspw. electric meter according to DIN 43864 or transmitter

SOL.Connect® Sensor T

- Measuring of surface, pv-module or environment temperatures in- and outdoors
- Mounting per screw-connection or bond
- Platinum resistor PT 1000 B (DIN EN 60751)
- Aluminium case IP53
- Dimensions: 24 x 40 x 5mm (W x H x D)
- Operating temperature: -35°C ... +105°C

