

Technical data

Colour display	3.5" touch panel, TFT transmissive
Supply voltage ¹⁾	100 ... 240 V AC 1Ph / PE 50 ... 60 Hz
Power supply line ²⁾	Max. cable jacket diameter: 6.7 mm Wire cross-section: 0.75 mm ² with safety plug and PE conductor
Max. power consumption	25 VA
Supply voltage for sensors	24 V DC (\pm 10%)
Output current - analog board	120 mA in total for both channels
Output current - digital board	120 mA in continuous mode / channel
Max. output current through all channels	280 mA
Ambient temperature during operation	0°C ... +50 °C
Storage and transport temperature	-20°C ... +70 °C
Ambient air humidity	0 ... 95 %, no condensation
Protection class ³⁾	IP 44, EN 60529
Lithium manganese dioxide battery ⁴⁾	Panasonic CR2032
Connections	7 x cable connection M12x1.5 Body: Brass, nickel-plated Terminal size: 3-7 mm, WS=16 mm Tightening torque: 8 Nm 1x RJ45 for Ethernet connection
Interfaces	USB memory stick (USB 2.0) Ethernet interface, Modbus TCP RS485 interface, Modbus RTU SDI interface (Serial Data Interface)
Sensor inputs	4 (2x2) sensor inputs for analog and digital sensors, free assignment
Sensor signals ⁵⁾	Analog signals: 0 - 1/10/30 V Pulse signals Pt100; Pt1000 Digital signals: RS485, BEKO-SDI
Alarm outputs (alarm relays)	2x floating switchover contacts freely programmable, alarm management
Analog output and pulse output	Looped with sensors with own signal output, e.g. FS / DP series
Data logger	4 GB memory card (micro SDHC class 4)
Housing material	Housing: Powder-coated aluminium Polyester front foil (anti-glare) 3M adhesive (3M7952 / 3M467)
Weight	2.7 kg
Dimensions W x H x D	180 x 166 x 115 mm
Optional	Web server
Optional	Galvanically insulated pulse output (2x) max. 30V AV / 60V DC ; 250mA
Optional	Ethernet and RS485 interface Modbus protocol