Technical Data

Power Supply	
Mains voltage	9 up to 36 V DC
Power consumption	0.72 VA
Input	
Input variable	Direct current or direct current voltage
Rated value	0 to 20 mA, 4 to 20 mA, R_i = 130 Ohm, 0 to 10V, R_i = 115,13 kOhm
Overload, constant	2.5 times (current), 2.5 times (voltage)
Short-time overload	5 times 1 s (current), 5 times 1 s (voltage)
Temperature measurement	Range: -50 °C up to 150 °C Resolution: approx. 0.1 °C Accuracy: 1.5 °C (-50 °C up to -25 °C); 1.0 °C (-25 °C up to +100 °C); 2.0 °C (+100 °C up to +125 °C); 3.5 °C (+125 °C up to +150 °C)
Current measurement	Range: 0 to 20 mA; 4 to 20 mA Resolution: 20 µA; max. failure: 60 µA
Voltage measurement	Range: 0 to 10 V Resolution: 10 mV; max. failure: 30 mV
Connections	Screw terminals; Wire cross section: max. 1.4 mm²
Interface	
1 FRAKO Starkstrombus	For connection to FRAKO Energy Management System, according to EN 50170 (P-Net), standardised fieldbus, RS-485 transfer rate: 76.8 kbit/s
Display elements	2 LEDs
Mechanical construction	
Dimensions	86 x 128 x 50 mm (W x H x D)
Ingress protection	Housing/terminals IP30/IP20 according to DIN EN 60529
Version	Housing insulated, protection class 3 (SELV), at a rated voltage up to max. 36 V, pollution degree 2, according to EN 61010 part 1 EMV according to EN 61326-1
Installation	On standard rail 35 mm according to DIN EN 50022
Weight	190 g
Operating conditions	
Ambient temperature	0 °C up to +70 °C
Article-No.	20-40009

Optional Accessories

Article-No.	Type	Description
20-10700	Power Supply for analogue module EM-AM 24V DC	AC/DC SMPS adapter, DIN rail-mounted, 24 V DC / 0.35 A and 12 V DC / 20 mA, AC power supply 85 to 264 V (also suitable for EM-PQ 1500)

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