

TW PS300

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The PS300 is a power supply unit for connecting sensors of the TW Master Series. The module can be extended by an interface module with functions such as relay output and analogue 4–20 mA signal outputs.



Technical Specifications

Power supply		80–265 VAC
Power consumption	typical	6 W
	max.	50 W
Digital	Standard	RS-485
	Protocol	Modbus RTU
Analog	Analog output	6 x 4–20 mA
	Load	Max. 500 Ω
	Terminals	1,5 mm ² (AWG 16)
	Error indicator	0 mA
Relay		1 x relay change-over contact 24 V, 1 A
Buzzer		Buzzer for acoustic signal
Display		1x Status-LED
Ambient temperature		-10... +50°C
Storage temperature		-20... +70°C
Relative humidity		0...95 % (non-condensing)
Protection type		IP64
Protection class		I
Installation category		II
Pollution degree		2
Altitude		2000 m (6562 ft)
Place of installation		For indoor use only
Material	Housing	POM-C
	Front	Acrylic glass (PMMA)
Connections		1 x M20 cable gland 3 x M16 cable gland 1 x M12 industrial connector for TW Master Series
Dimensions (W/H/D)		203 / 185 / 46 mm (incl. screw connections)
Weight		1,4 kg
Warranty		1 year (EU & USA: 2 years)