

Professional Line	Pt100 Modbus converter
ID No.:	00.08790.000000
Measuring ranges:	-40 ... +80 ° C
Signal input:	1.5 kV
Sensor supply Pt100:	1 mA
RS485 bus:	no galvanic isolation
Address switch:	2 address switches for 10 + 1 max.bus users: 99
Measuring rate:	1 measurement / s
Environmental conditions:	-40 ... + 80 ° C
Care:	50 Hz (1 min.)
Supply voltage:	18 ... 30 VDC
Max. Power consumption at 24 VDC:	300 mW
Max. Line resistance:	10 ohms / wire
Construction:	Top hat rail 35 mm, EN 50022
Software protocol:	Modbus RTU
Data format:	19200, 8, E, 1
Dimensions:	6.2 x 92 x 101 mm
Protection class:	IP 20
Weight:	approx. 30 g
EMC standards / electrical safety:	EN 61326, EN 55011, CISPR11 Kl. B, EN 61010-1
Connection technology:	4-wire, screw terminals, wire cross-section max. 2.5 mm ²
Can be connected to:	00.08290.000030: Module temperature sensor 00.08280.010507: Air, soil, water thermometer Pt100, 1/3 DIN 00.08281.008005: Air temperature sensor Pt100, 1/3 DIN 00.08241.000000: Grass temperature sensor with protective device