



Data Logger

PCE-P30U

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Signal converter with memory/ Universal input/ 4 ... 20 mA or 0 ... 10 V output / DIN rail mounting / Alarm relay / LC-Display / Sensor supply

The transmitter with memory PCE-P30U has a wide range of applications. Besides converting various signals the transmitter can be used with memory for easy data logging tasks. The transmitter PCE P30U has a SD card memory and is suitable for SD and SDHC cards. The transmitter with memory has a universal input. It is thus possible to convert and monitor standard signals, temperatures, low voltages, etc. The transmitter with memory PCE-P30U provides optionally 0 ... 10 V or 4 ... 20 mA as output signals. To use the transmitter for almost all tasks, the transmitter PCE P30U has an alarm relay and a Modbus interface. Use may be made of the transmitter with storage in industry for process monitoring or documentation of, for example, process flows.

- SD card memory and internal memory
- Universal input
- 0 ... 20 mA / 0 ... 10 V Output
- Output galvanically isolated
- Alarm relay
- Modbus interface
- LC-Display
- DIN rail 35mm mounting

Technical specifications

Input	- 10 ... 10 V - 24 ... 24 V - 20 ... 20 mA 0 ... 5500 Ω PT 100, PT 250, PT 500, PT1000 Ni100, Ni1000 Cu100 -200 ... 200 mV Thermal elements type K, J, S, N, E, R, T, B
Interfaces	RS485 (Master / Slave)
Analogue output (galvanically isolated)	4 ... 20 mA (max. 500 Ω) 0 ... 10 V (< 500 Ohm)
Alarm relay	closer contact max. 5 A / 30 V DC / 250 V AC
Power supply for sensor	24 V DC / 30 mA
Power input	5 VA
Dimensions	120 x 45 x 100 mm
Display	LCD 2 x 8 characters
Montage type	35 mm DIN rail
Internal data storage	534,336 data sets
Max. capacity of memory cards	2 GB (FAT / FAT32) (136,512,000 data sets)
Voltage Supply	85 ... 253 V AC / DC 20 ... 40 V AC / DC
Surrounding conditions	- 25 ... 55 °C / 25 ... 95 % r.H.

Delivery Content

1 x DIN rail data logger PCE-P30U, 1 x instruction manual

Editions of DIN rail data logger PCE-P30U

PCE-P30U-U-1	output: 0 ... 10 V 1 alarm relays Power supply for sensor: 24 V / 30 mA Power supply: 85 ... 253 V AC / DC
PCE-P30U-U-2	output: 0 ... 10 V 1 alarm relays Power supply for sensor 24 V / 30 mA Power supply: 20 ... 40 V AC / DC
PCE-P30U-U-3	output: 0 ... 10 V 2 alarm relays Power supply: 85 ... 253 V AC / DC
PCE-P30U-U-4	output: 0 ... 10 V 2 alarm relays Power supply: 20 ... 40 V AC / DC
PCE-P30U-I-1	output: 4 ... 20 mA 1 alarm relays Power supply for sensor: 24 V / 30 mA Power supply: 85 ... 253 V AC / DC
PCE-P30U-I-2	output: 4 ... 20 mA 1 alarm relays Power supply for sensor 24 V / 30 mA Power supply: 20 ... 40 V AC / DC
PCE-P30U-I-3	output: 4 ... 20 mA 2 alarm relays Power supply: 85 ... 253 V AC / DC
PCE-P30U-I-4	output: 4 ... 20 mA 2 alarm relays Power supply: 20 ... 40 V AC / DC

Delivery Content

1 x text messaging monitor PCE-P30U, 1 x probe antenna. 1 x software, 1 x instruction manual