

In conjunction with the new Process Control System PCS the Liquid Meter Type FMO in pulse version without electronic LCD unit can be used as a complete control system for computerized liquid handling operations. The process control module PCM together with the complementary software allows the use of any PC as a central control unit, without having to interfere into its hardware. All that is required is a free serial interface RS 232 on the PC as well as an interface converter PCC.



TECHNICAL DATA

FLUX PROCESS CONTROL SYSTEM PCS COMPLETE, CONSISTING OF

FLUX Process Control Module PCM

230 V, 50/60 Hz.

max. 2 counters per module, 2 potential-free relays per counter to control up to 4 output devices (230 VAC, 8 A; 24 VAC/VDC, 8 A; 12 VDC, 8 A).

Serial interface RS 485 with screw terminals.

Sensor input (1 per counter):
potential-free mechanical contact (relay, conventional or Reed-type)
electronic counter (Hall effect sensor, capacity switch).

Frequency on sensor input: 0–200 Hz

Relay connections: screw terminals for cable section 1,5 mm²

Temperature range: –20 °C to +70 °C

Easy mounting on DIN-bar.

Display of status via LED.

Dimensions: 50 x 128 x 192 mm



Software on CD-ROM

System requirements:

Microsoft Windows 98 or higher.

Pentium Processor or higher.

32 MB RAM

Free harddisk space at least 6 MB.

Free interface RS 232.

CD-ROM-drive (for installation only).



FLUX Interface Converter PCC

RS 232 to RS 485 converter.

Galvanic separation up to 3000 VDC.

Automatic setting of Baudrate and data transmission parameters.

Supply voltage 10 to 30 VDC.

Temperature range: –10 °C to +70 °C.

Easy mounting on DIN-bar.

Temperature range: –20 °C to +70 °C.

Easy mounting on DIN-bar.

Including connecting cable DB 9 to PC, 2 m long.



Mains supply unit for PCC interface converter

230 V, 50 Hz

Output 12 VDC, 600 mA..

Including power supply cable.

Connecting cable, 5m long (PCM module – PCC interface converter)

two-way, twisted pair cable

Part No. A10 00 100

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