Cardalog System Hardware Structure

Working temperature range: -25°…+80°C
126 recording channels
1Hz-1000Hz sampling rate (adjustable for each channel)
Storage medium: compact Flash card

Cardalog-M

"Entry"

16 analogue / 10-bit
4 frequency / pulse inputs
1 x RS232 online
1 x RS232 display
1 x CAN 2.0B
7…35V

110 x 100 x 30 mm
350 g.

Cardalog-P

"Standard"

24 analogue / 12-bit, including
8 analogue diff.
4 frequency / pulse inputs
1 x RS232 online
1 x RS232 display
1 x CAN 2.0B
7…35V

160 x 100 x 30 mm
450 g.

Cardalog-E

"Professional"

24 analogue diff., 12-bit
4 frequency / pulse inputs
4 digital / high-voltage inputs
3 x CAN 2.0B
4 x RS232 (display, online, GSM, GPS)
7…60V, up to 10s voltage bridging through internal no-break power supply
160 x 100 x 44 mm
700 g.

62-pin SUB-D
62-pin SUB-D
62-pin SUB-D + 25-pin SUB-D
Sync

Working temp. range: -10°…+60°C

Display 4016

Dot matrix display
40 x 16 characters
31 pages
800 g.

Display 2108

Dot matrix display
21 x 8 characters
31 pages
280 g.

RS232

Cardalog-F

8 analogue channels, 12-bit / 5kHz or
4 analogue channels, 10 kHz sampling rate
Storage on compact Flash card
Synchronisation with -P or -E possible
Construction size as -P

CAN
Ext.

Thermo-8

8 channels for type K thermocouples.
CAN and RS232 output.
Temp. range –40…85°C,
Measuring range -50 …+1200°C
2-pin thermocouple sockets

UNI-16

16 diff. inputs for analogue and pulse signals
CAN and RS232 output.
Sensor supply
62-pin SUB-D or individual sockets.
Optional protection type IP67

Bridge-4

4-channel bridge amplifier.
CAN, RS232 and analogue output.
16-bit resolution
37-pin SUB-D or individual sockets.
Optional protection type IP67

ISO-4

4 isolated universal channels, isolation voltage >=500V. CAN, RS232 and analogue output.
16-bit resolution.
37-pin SUB-D or individual sockets.
Optional protection type IP67

Construction size: 110 x 100 30 mm
Temperature range:-35°…+80°C
CCP protocol
Weight: 350 g.
Sampling rate: 0…1000Hz
7…60V operating voltage