imsystem
Technologies for Automation

PORTABLE DATA LOGGING SYSTEMS

for Professionals

MultiCon
MultiLog

Measure, **Control** and Log Data

MultiLog

P130-SRD-99

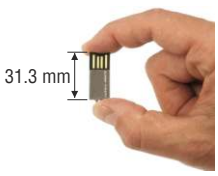
- up to 11 input/output/communication connectors
- LCD 2.9” monochrome display
- USB Host port for flash data storage
- 2 electronic relay outputs optional

The portable **MultiLog SRD-99** data recorder set in a **P130** portable case is designed to record, display current or average values and present data in the form of trend graphs of various technological parameters. The set may be equipped with 1 to 8 measuring inputs: 0/4-20 mA or Pt 100/500/1000 and, optionally, 2 relay outputs. The primary function of the outputs is signalling alarm states but the configuration menu also allows to use them in a variety of control systems. Each of the outputs can be controlled by a single channel or group of measurement channels with individually adjustable thresholds. The recorder was placed in a high quality PELI™ transport case. High impact, dustproof and waterproof case housing allows to use the set virtually in any environmental conditions.

<u>The main advantages:</u>

- USB Host port to retrieve and store the data in flash memory,
- waterproof and dustproof case housing, designed to work in conditions of high humidity, high temperature jumps, dust, pressure differences, etc.,
- 2 MB data memory or 8 MB in the version with USB interface,
- free configuration and recording software.

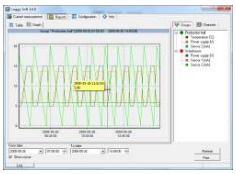
ACCESSORIES



MS - USB flash drive

An incredibly small, light and stylish flash drive offering 4 or 8 GB data storage (31.3 x 12.4 mm / 6 g) has been designed with easy storage and transport in mind. It will easily fit in a P130 case with a closed upper lid.

SOFTWARE



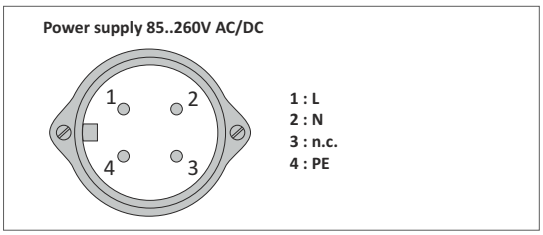
The **Loggy Soft** enables the visualization, archiving and printing of measurements (e.g. temperature, humidity, pressure) stored in MultiLog device memory.

The **S-Toolkit** enables configuration reading and writing operations, updating the device firmware and obtaining basic information on MultiLog series devices through RS-485 serial interface or flash-disk devices plugged into USB port.

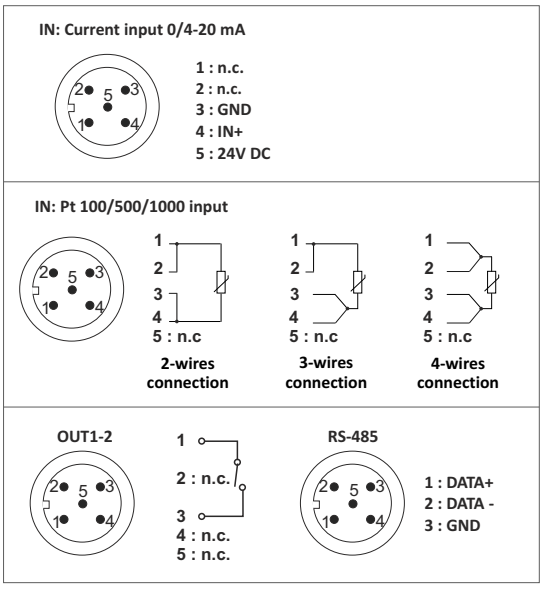
TECHNICAL DATA

	SRD-99 in portable case
Power supply	19V ÷ 50V DC; 16V ÷ 35V AC or 85 ÷ 260V AC/DC
Measuring inputs **Digital input**	up to 8 measuring inputs 1 digital input, 10-30V DC
Measuring range	0/4-20 mA; 0/1-5V, 0/2-10V or Pt100 / Pt500 / Pt1000 (4-wires)
Outputs **Sensor supply output**	2 electronic relays (ER1, ER2), 24VAC (35VDC)/200 mA 24V DC / max. 200 mA, not separated
Communication interface	RS-485, Modbus RTU, 1200 ÷ 115200 bit/sec.
Display	2.9” LCD, graphic, 128 x 64 points, with backlight
Memory capacity	2 MB in version without USB Host port 8 MB in version with USB Host port
Protection class	IP 67
Operating temperature	0°C ÷ +50°C
Weight	2.5 kg (case 1.4 kg)
Materials	body: Polypropylene latch: ABS lid O-Ring: Polymer pins: Stainless Steel
Dimensions	portable case: 285 x 246 x 174 mm MultiLog SRD-99: 96 x 96 x 100 mm

EXAMPLARY PIN ASSIGNMENT



power supply connector: Hirshmann CA3GS (4 pin socket)
+ plug with 1 m cable



I/O connectors: Hirshmann EF12M5 (5 pin socket) + plug

SET CONTENTS

- PELI™ portable case,
- MultiLog SRD-99 data logger,
- power cable,
- connectors (socket-plug) for sensors and communication links in the ordered amount,
- compartment for accessories/sensors,
- CD-ROM with software and manuals.

Optionally:
- **SRS-2/4-Z45** (RS-232/RS-485 converter)
- **SRS-U/4-Z45** (USB/RS-485 converter)
- **MS-4** (4 GB) or **MS-8** (8 GB) mini pendrive USB.

ORDERING

P130-SRD-99-XX-0-X

number of connectors:
1
2
⋮
11

power supply:
3 : 24V AC/DC
4 : 85V - 260V AC/DC

* - full order code for the MultiLog SRD-99 should also be provided

Ordering example:
P130-SRD-99-4-0-4 with **SRD-99-4128-1-4-0B1**

Distributed by

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