

■ SINGLE-CHANNEL DATA LOGGER

**Simple Logger™**

L205, L320, L410, L430



ENGLISH

Additional user's manual

 **CHAUVIN  
ARNOUX**

**Meaning of the  symbol :**

**Warning ! Please refer to the User's Manual before using the instrument.**

In this User's Manual, the instructions preceded by the above symbol, should they not be carried out as shown, can result in a physical accident or damage the instrument and the installations.

**Meaning of the  symbol :**

This device is protected by a double insulation or by a reinforced insulation. No linking is required from the protection earth terminal to ensure the electrical security.

You have just acquired an **L 205, L 320, L 410 or L 430 Simple Logger™** and we thank you for your confidence.

To obtain the best possible service from your instrument:

- **read** carefully the user's manual of the C.A 601, L 100, L 110, L 230, L 260, L 600 and L 605 Simple Loggers which also applies to the L 205, L 320, L410 and L 430 models,
- **then read** carefully the present additional instructions which contain all the specifications (accuracy, resolution, etc.) and ordering details specific to the L 205, L 320, L 410 and L 430 models,
- **respect** the precautions for use indicated in the enclosed user's manual.

## TO ORDER

<b>L 205</b> - Voltage module (input 0 to 25 V AC) .....	P01.1569.40
<b>L 320</b> - Current module (input 4 to 20 mA DC) .....	P01.1569.45
<b>L 410</b> - Voltage module (input 0 to 100 mV DC) .....	P01.1569.50
<b>L 430</b> - Voltage module (input 0 to 10 V DC) .....	P01.1569.60

*Delivered with 3" ½ diskette containing the software,  
an RS-232 with 9-pin connectors at each end and 9 V alkaline battery,  
the user's manual of the C.A 601, L 100, L 110, L 230, L 260, L 600 and L 605 models and these  
additional instructions.*

### Accessories:

10 Velcro pads ..... P01.1575.20

### Spare parts:

DB9M/DB9F cable ..... P01.1575.16

See also **Optional accessories and spare parts** in the chapter **TO ORDER** in the user's manual of the C.A 601, L100, L110, L230, L260, L600 and L605 models.

# SPECIFICATIONS

## ■ Resolution and scale\*

Model	Value of full scale	Units	Resolution			
			S1	S2	S3	S4
<b>L 205</b>	25	V	0.0125	0.025	0.05	0.1
<b>L 320</b>	25	mA	0.0125	0.025	0.05	0.1
<b>L 410</b>	100	mV	0.05	0.10	0.20	0.40
<b>L 430</b>	10	V	5	10	20	40

\* Corresponds to table 2-1 in paragraph 2.2 of the user's manual for the C.A 601, L100, L110, L230, L260, L600 and L605 models.

## ■ Input ranges and specifications \*

Model	Input	Impedance	Input connectors	Applications
<b>L205</b>	0...25 V AC	1 M $\Omega$	2 banana safety sockets $\varnothing$ 4 mm	TBTS AC power supply
<b>L 320</b>	0...25 mA DC	100 $\Omega$	Screw terminal	Process loop 4 - 20 mA
<b>L 410</b>	0...100 mV DC	1 M $\Omega$	2 banana safety sockets $\varnothing$ 4 mm	Pressure sensor with stress gauges, etc.
<b>L 430</b>	0...10 V DC	1 M $\Omega$	2 banana safety sockets $\varnothing$ 4 mm	Process signal 0 - 10 V

\* Corresponds to table 2-3 in paragraph 2.5.3 of the user's manual for the C.A 601, L 100, L 110, L 230, L 260, L 600 and L 605 models.

## ■ Electrical safety (as per IEC 1010-1) \*

Model	Insulation	Operating voltage	Installation category	Pollution level
<b>L 205</b>	Dual insulation	30 V	III	2
<b>L 320</b>	Dual insulation	30 V	III	2
<b>L 410</b>	Dual insulation	30 V	III	2
<b>L 430</b>	Dual insulation	30 V	III	2

\* Corresponds to the table in paragraph 2.5.5 of the user's manual for the C.A 601, L 100, L 110, L 230, L 260, L 600 and L 605 models.



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