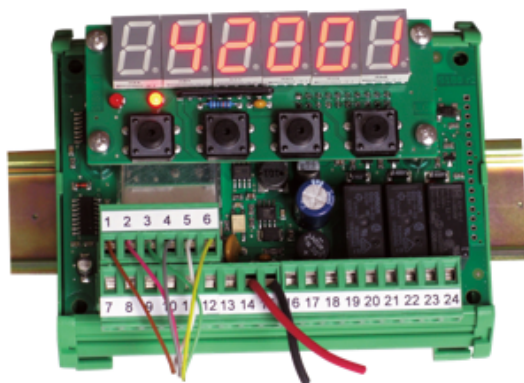


## General information

PWS16820250811

The LC 200 load limiter is an electronic, compact, reliable instrument, complete with display and 4 mechanical keys. It is certified and compliant with the SIL safety regulation, which allows you to avoid damage or breakage with very dangerous consequences for the operators' safety. The load limiter can control the weight through alarm and pre-alarm for failure or power failure for one or more cells thanks to the multiple connection.

User Manual: [lc-200\\_en.pdf](#)Installation Manual: [lc-200\\_installation\\_en.pdf](#)

All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

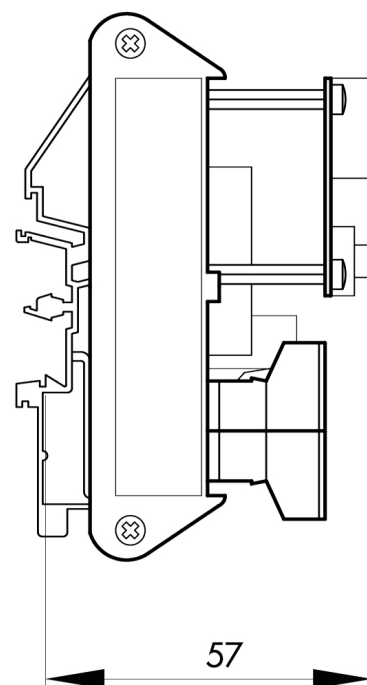
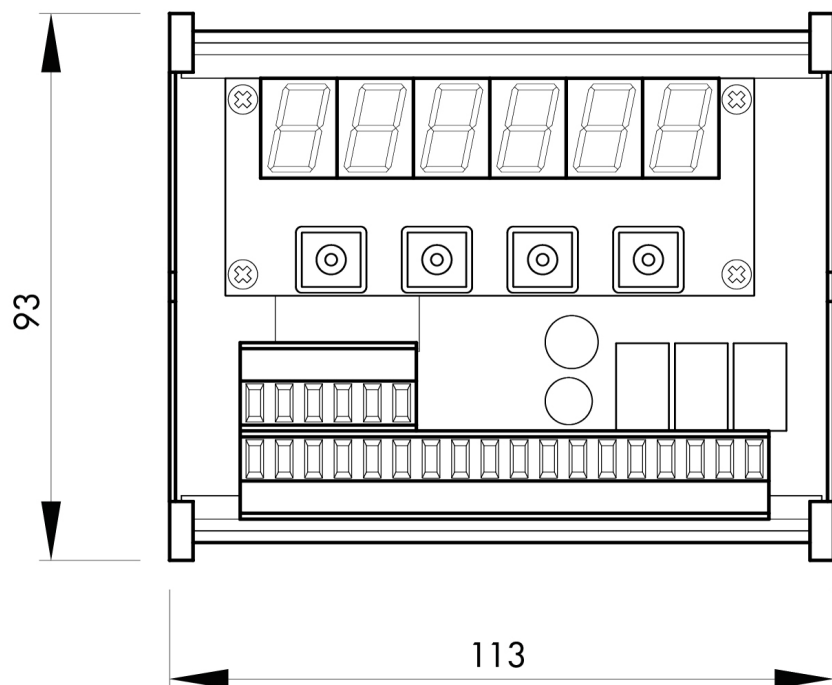
## Technical specifications

PWS16820250811

<b>Measuring range:</b>	-3,9 ÷ +3,9 mV/V
<b>Input sensitivity:</b>	0.02 µV/count
<b>Full scale non-Linearity:</b>	<0.01 % full scale
<b>Gain drift:</b>	<0.001 % full scale/°C
<b>Display:</b>	6 digit numeric, red LED 7-segment (h 14 mm)
<b>Internal Resolution:</b>	24 bits
<b>Material:</b>	Polyamide 6.6 UL 94V-0 flame retardant
<b>Decimal figures range:</b>	0 ÷ 3
<b>Temperature range:</b>	-10°C ÷ +50°C (max umidity 85% without condensation)
<b>Storage temperature:</b>	-20 ÷ +60 °C
<b>Filter:</b>	0,1 ÷ 80 Hz
<b>Logic output:</b>	2 outputs (24 Vdc / Vac a contact) 0,5 A
<b>Logic inputs:</b>	1 opto-isolated dry contact
<b>Serial port:</b>	RS232 or RS485
<b>Analog optional output:</b>	Voltage: 0 ÷ 10 V/ 0 ÷ 5 V; Current: 0 ÷ 20 mA/ 4 ÷ 20 mA
<b>Power supply:</b>	12 ÷ 24 Vdc / Vca ±15%
<b>Regulatory compliance:</b>	EN 61000-6-2, EN 61000-6-3 for EMC, EN 61000-1 for electrical safety
<b>Dimensions:</b>	113 x 93 x 65 mm (L x P x H)
<b>Baud rate:</b>	up to 115 kb/s (default 9600 b/s)
<b>Isolation:</b>	Class III
<b>Cable Lenght:</b>	15m (RS232), 1000m (RS485)
<b>Load cells input:</b>	Max 4 load cells of 350 Ohm
<b>Zero and full scale:</b>	Executable from the keyboard
<b>Power consumption:</b>	5 VA

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## Electronic Overload Guard **LC 200**



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