

CPJ / CPJ-2S

±10 V/0-10 V / 4-20 mA

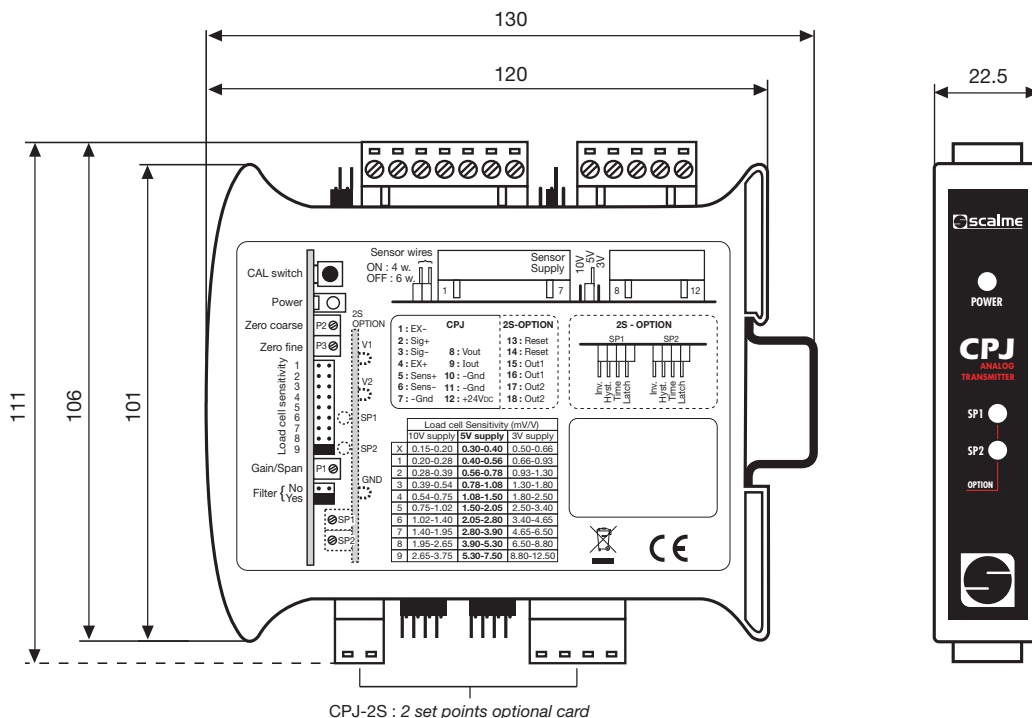


- The CPJ is able to run up to 4 strain gauge load cells (350 Ω)
- 4 or 6 wire load cells
- Voltage output (±10 VDC or 0-10 VDC) and current output (4-20 mA)
- Shunt calibration signal
- 2 set points on relays optional (version CPJ 2S)



*Only DIN Rail Version

CPJ / CPJ2S : Din Rail Version



All dimensions in mm. Dimensions and specifications do not constitute any liability whatsoever. Technical drawings are available on request.



Board Version

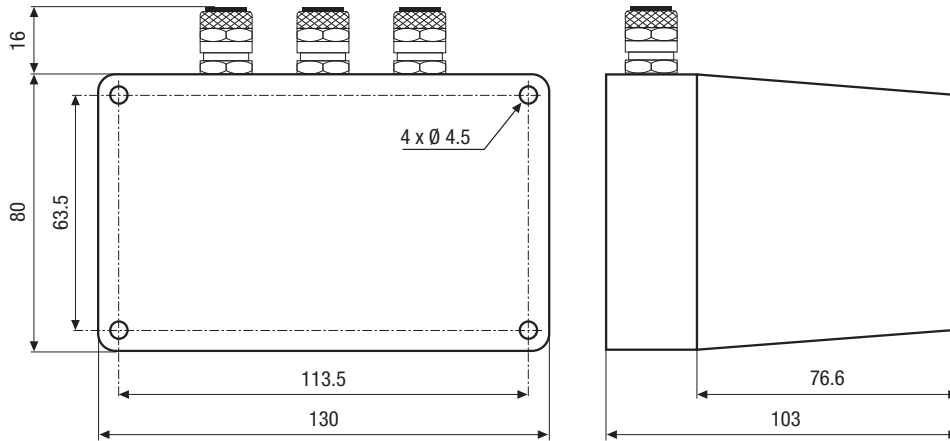


IP65 Housing Version

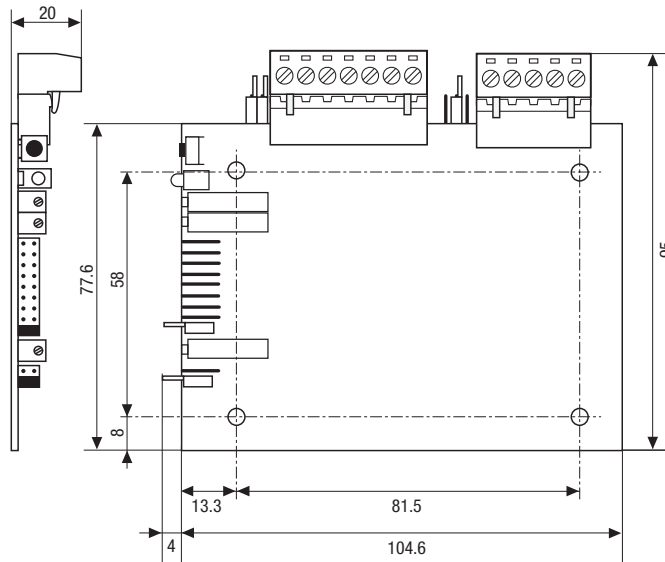
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*IP65 Housing Version
Not available on CPJ2S version*

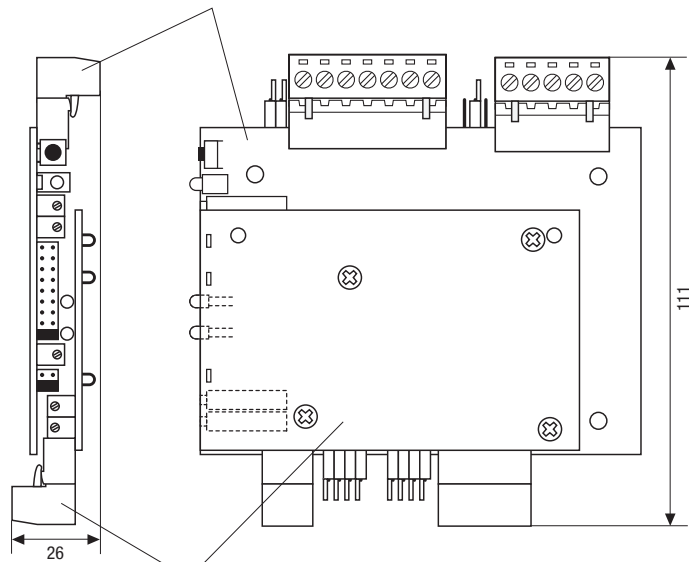


CPJ board version



CPJ2S board version

Standard CPJ board

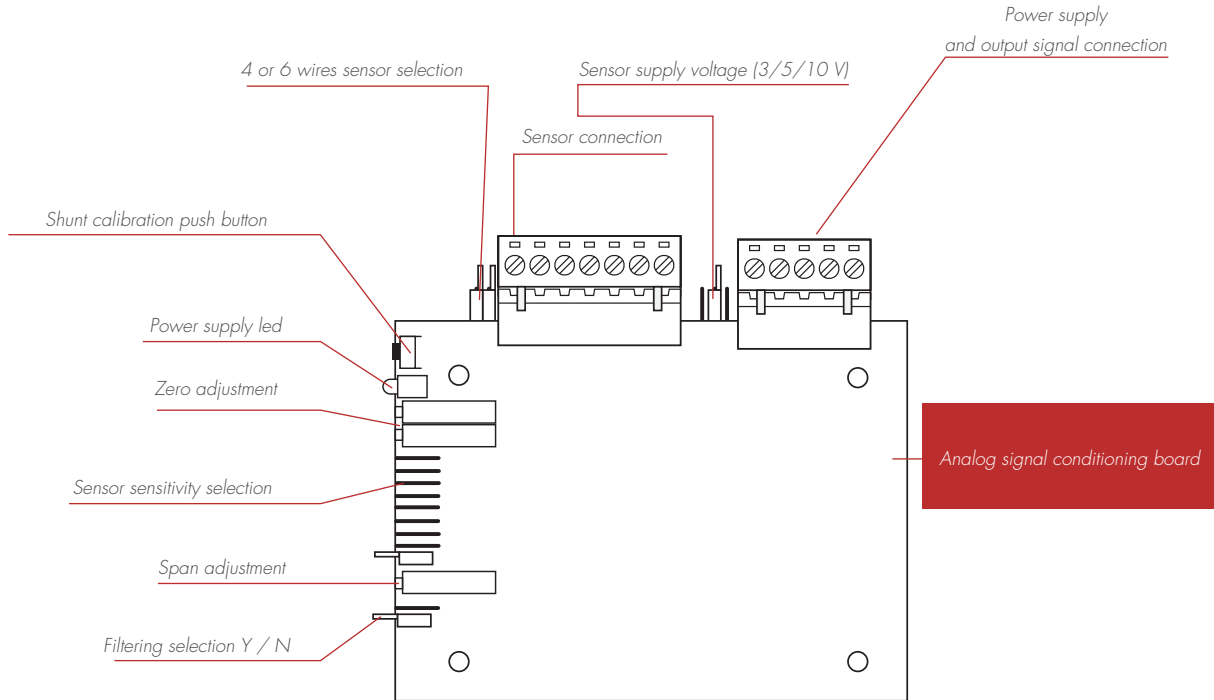


2 set points optional board

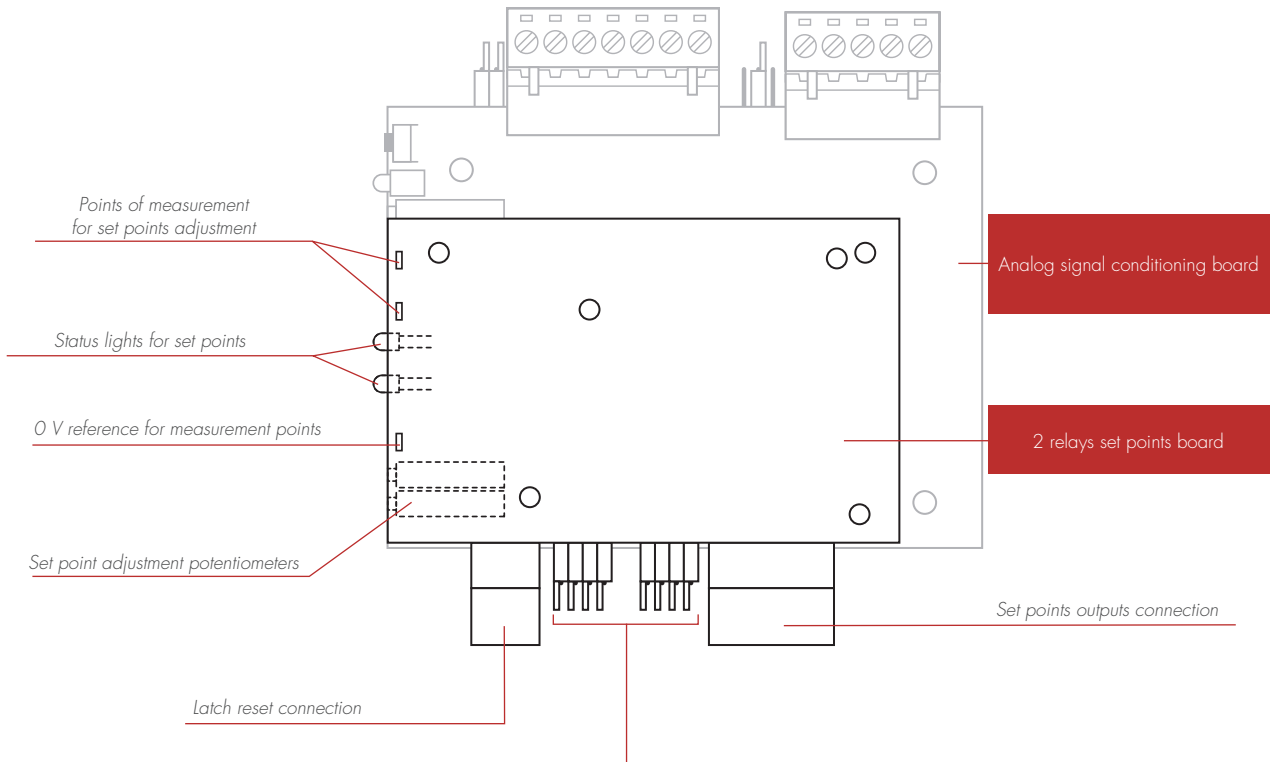
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CPJ wiring and setting



CPJ2S wiring and setting



Set points setting:

- Relay Normally Open / Close
- Hysteresis 0.2 / 1.1 %
- Relay Holding time 5 / 600 ms
- Latch fonction Y / N

CPJ / CPJ-2S

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CPJ Specifications

GENERAL		
Power supply	24 ±4	VDC
Accuracy class	0.05	%
Temperature effect on zero	≤ 0.035	%F.S. * /°C
Temperature effect on span	≤ 0.02	%/°C
Operating temperature range	0 ... +70	°C
Load cell input voltage (engaged with jumper)	3, 5, 10	VDC
Min. load cell impedance: excit. 3/5 V excit. 10 V	80 160	Ω
Span adjustment	0.15 ... 12	mV/V
Max supply current CPJ / CPJ2S	120 / 170	mA
Voltage output	±10, 0-10	V
Current output	4-20	mA
Load impedance for voltage output	≥ 2000	Ω
Load impedance for current output	≤ 500	Ω
Capacitive load on the output	≤ 1	nF
Filtering (engaged with jumper) low pass (-3dB)	10	Hz
Bandwidth	≤ 20	kHz

CPJ2S Set points Specifications

GENERAL		
Number of set points		2
Adjustment		2 potentiometers
Selectable functioning direction		Yes
Hysteresis	1.1 / 0.2	% F.S. *
Holding time	5 / 600	ms
Latch function		Yes
Response time		7 ms

GENERAL		
Relay		
Technology		Photorelays
On-state current max. at 40°C	0.4	A
Off-state voltage	55	V
On-state resistance	2	Ω
Isolation voltage	2 500	Vrms

* F.S. : Full scale

Options

Input for potentiometer		
Customized filtering		0.5...450
Power supply 12 VDC**		
** Output voltage limited to ±5, 0-5 V		




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