

Accessories and interchangeable boards for class 310 transmitters

SPI-2 PRESSURE BOARD

Interchangeable pressure board with solenoid valve and terminal block for K thermocouple probe for **C310** and **CA310 transmitters**. Supplied with pressure connections and silicone tubes.

Ref : **SPI2-100**
SPI2-500
SPI2-1000
SPI2-10000

> Pressure

Measuring ranges	SPI2-100 : from -100 to +100 Pa SPI2-500 : from -500 to +500 Pa SPI2-1000 : from -1000 to +1000 Pa SPI2-10000 : from -10000 to +10000 Pa
Accuracy*	SPI2-100 : $\pm 0.2\%$ of reading $\pm 0.8\text{Pa}$ SPI2-500 : $\pm 0.2\%$ of reading $\pm 2\text{Pa}$ SPI2-1000 : $\pm 0.2\%$ of reading $\pm 2\text{Pa}$ SPI2-10000 : $\pm 0.2\%$ of reading $\pm 10\text{Pa}$
Units and resolution	1 Pa / 0.1 mmH ₂ O / 0.01 mbar / 0.01 inWG / 0.01 mmHG / 0.1daPa / 0.001 kPa / 0.01 hPa

> Thermocouple K temperature

Measuring range	From -200 to +1300 °C (according to probe)
Accuracy*	± 1.1 °C ou $\pm 0.4\%$ of reading value ¹
Units and resolution	0.1 °C / 0.1 °F

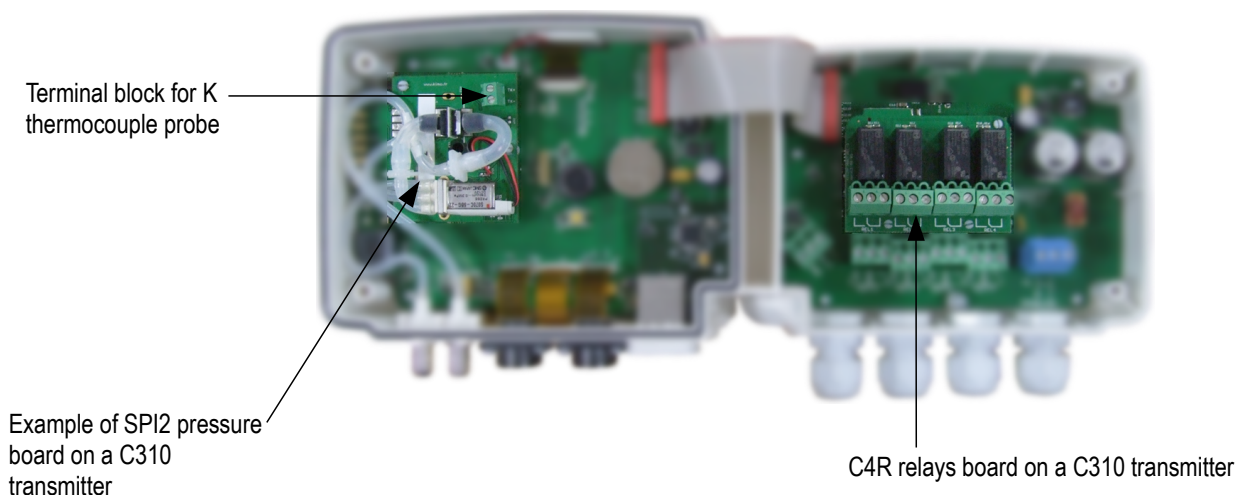
These SPI2 pressure boards for C310 and CA310 transmitters have a temperature compensation system from 0 to 50°C and a self-calibration system to guarantee an excellent long-term stability, along with a great measurement accuracy.

Self-calibration principle : the microprocessor of the transmitter drives a solenoid valve that compensates any long-term drifts of the sensitive element. The compensation is made by regular adjustment of the zero. The differential pressure measurement is then made regardless of the environmental conditions of the transmitter.

Solenoid valve lifetime : 100 million cycles

Advantage : no zero drift

Self-calibration frequency : can be disabled or set from 1 to 60 minutes



*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.
¹The accuracy is expressed either by a deviation in °C, or by a percentage of the value concerned. Only the bigger value is considered.

Interchangeable board of atmospheric pressure for **C310 and CA310 transmitters**, 800-1100 hPa range. Supplied with pressure connections and silicone tubes.

Ref : SPI2-ATMO

Measuring range	From 800 to 1100 hPa
Accuracy*	±2 hPa
Units and resolution	0.1mbar / 0.1mmHG / 0.1hPa

RELAYS BOARD

4 relays interchangeable board 3 A with 3 points terminal block for **C310 transmitters**.

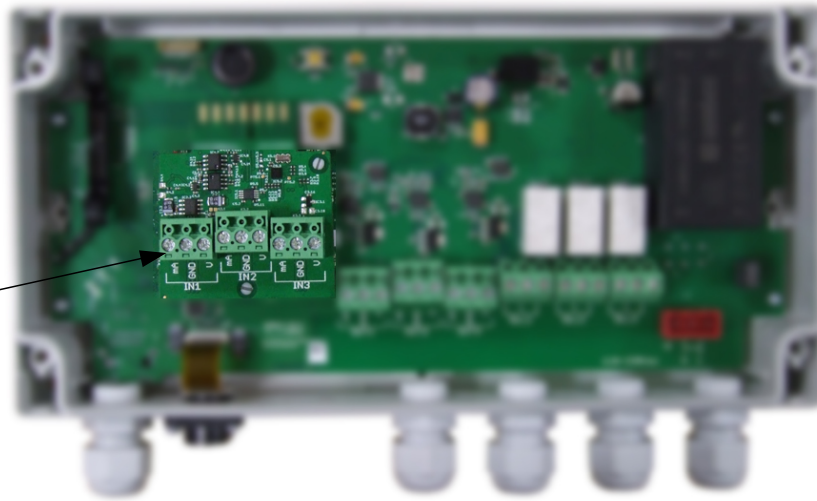
Ref : C4R

CURRENT / VOLTAGE BOARD

Interchangeable board 3 current/voltage analogue inputs : 0-20 mA / 4-20 mA and 0-2.5 V / 0-5 V / 0-10 V, with terminal block, for **CA310 transmitter**.

Ref : MVA

Example of MVA current/voltage board on a CA310 transmitter



ACCESSORIES FOR PROBES

5 m extension for class 310 interchangeable probes

Ref : R310-5

10 m extension for class 310 interchangeable probes

Ref : R310-10

Adapter cable allowing to connect an interchangeable probe on a **CPE310 transmitter**.

Ref : CA-CPE

Ventilated system of protection for temperature and hygrometry probes. 13 mm diameter. 24 Vcc power supply. Duct diameter : 125 mm, 250 mm length with protection cap. Supplied with 2 attaching collars.

Ref : PEM-V13



OTHER ACCESSORY

KSFO : Swivelling stainless steel fixing support for class 310 transmitters with fixing bracket. Adjustment with knurled screw.



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