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## New C.A 3420 universal transmitter

*High-performance, user-friendly, multi-function instrument*

With its universal input, the brand new **C.A 3420** transmitter from **Pyrocontrole** can be used to convert all your input signals into a stable, standardized output signal, even in difficult industrial environments. When used with the **C.A 3401** programming panel, it offers an **economical solutions** which is both **efficient and user-friendly**.

### Universal solution

Mounted on a DIN rail, the C.A 3420 accepts a **wide variety of inputs**: RTD, TC, Ohm, potentiometer, mA and V. But the same universality applies to the choice of its **power supply**: **AC** (22...250Vac) or **DC** (19...300Vdc).

For the outputs, as well as a standardized signal (current or voltage), it is also **equipped with two relays**.

These two versatile relays can perform several tasks, including indicating sensor failures and high or low alarms. They are programmable and offer several triggering modes: on threshold, with latching, with time-delay, on rise or fall of the input.

Another important feature of this transmitter is that it is equipped with **triple galvanic insulation** between the input, the output and the power supply, thus ensuring optimum operating safety.

### User-friendly solution

When used with the C.A 3420, the C.A 3401 programming panel is effective, user-friendly and **packed full of functions**:

- **Easy programming**: clipped onto the front of the instrument, it can be used to configure the C.A 3420 transmitter very simply without needing a manual or a PC, thanks to an intuitive drop-down menu. The interface texts are available in 7 languages: French, English, German, Spanish, Italian, Swedish and Danish.
- **Copy**: as it is removable, it can be used for quick duplication of configurations between one transmitter and another by simple transfer.
- **Supervision**: with its alphanumeric LCD screen, this panel allows you to check the real-time input and output values and the statuses of the process at a glance (relays and diagnosis of errors).

### Reliable solution

To ensure high security of the configuration and data, access to programming with the C.A 3401 can be password-protected. With its rugged design, the C.A 3420 is ideal for SIL\* applications (level 2).



**Complete and easy to learn**, this global solution helps to reduce costs and optimize operational availability. This signal converter has become THE new standard completing the range of **Pyrocontrole** transmitters already on the market.

Part of the **Chauvin Arnoux Group**, the European leader in measurement, **Pyrocontrole** translates all temperature measurement, testing and control requirements into industrial solutions for the most demanding process industries. See the complete **Pyrocontrole** offering at [www.pyrocontrole.com](http://www.pyrocontrole.com).

\*SIL: Safety Integrity Level

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