

Next-generation panel instruments

COLOUR CHANGE DISPLAY

crystal-clear process status

Advanced Industrial Automation



Omron is currently the **ONLY** company that features a wide range of panel instruments with colour change display characteristics. With this unique function the process value colour visualises the status of a process. It alerts you to an alarm condition by changing the display colour from green to red or vice versa. These display colours can be pre-programmed to change in an alarm situation, when reaching the pre-set value, or when values vary outside a pre-set threshold. Now any member of staff can recognise the process status. What's more, each crystal-clear display provides excellent visibility in all lighting conditions and from a wide angle.



OMRON



K3GN



K3MA



H7CX



H5CX



E5CN



COLOUR CHANGE DISPLAY

Supporting software

A configuration and monitor software package is available, designed for use with Omron's Temperature Controllers (E5CN) and Multifunctional Process Panel Meters (K3GN).

Typical applications

Omron's Display Colour Change feature can be used:

- In a Pump- and Valve application, to monitor whether the valve is open or closed and if the pump is operational or not.
- As an alarm indicator, showing a particular status of a process.
- In a furnace, to indicate the completion of a process.
- To grasp the idling state of equipment.

The following products are equipped with this function: E5CN Temperature Controllers, K3GN and K3MA Two-colour Display Panel Indicators, H5CX Digital Timers and H7CX Digital Counters.

All panel instruments feature:

- Clear, bright read-out thanks to high-tech LCD display
- Conformity to all general approvals
- Dust- and waterproof fronts (IP66)

K3MA Series of Panel Meters

- Compact - just 80 mm deep
- Wide choice of processing functions
- Front-panel switches for user-friendly programming

H5CX and H7CX Timers & Counters

- Multifunctional applications
- Easy programming
- Ergonomic front-panel keypads

K3GN Multifunctional Process Meters

- Supports all standard process signals
- Wide range of scaling possible
- RS-485 communication option

E5CN Temperature Controllers

- Double display
- For heat and/or cool applications
- Parameter setting through PC

Optional:

- RS-485 communication
- Event input
- Heater burnout alarm

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