



# Displays

for the Process Industry



isolation



display



I.S. interface



temperature



universal

# PR

# 57



# 1



# 2



# 3

### Efficiency in focus

The process industry puts a constant focus on efficiency. In this connection reliable and extremely precise signal conditioning is an absolutely essential prerequisite. For more than 30 years the committed mission of PR electronics has been to guarantee the best and most dependable signal conditioning. Thus, today, PR electronics is one of the few companies who back every product with a 5-year product guarantee.

### A new display generation

PRReview 5714 and 5715 (1/8 DIN, 96x48 mm) are the latest examples of reliable modules from PR electronics. Our new displays are designed to achieve the optimally efficient process while meeting user needs for universal, user-friendly and reliable products.

15

3 ● 4



OK



#### Also customer-modified OEM solutions

With the flexible production setup PReview 5714 and 5715 can be delivered with private labels on the front and an application-modified configuration. Incoming signal linearization is another function available for OEM customers. Contact us for further information.

#### Just in time

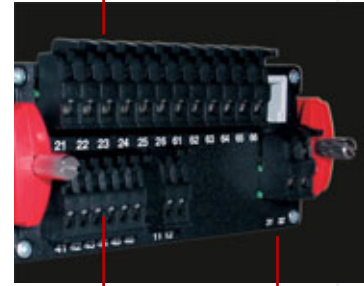
PReview 5714 and 5715 are the result of PR electronics' market knowledge and innovative product development. Development, test and production have been carried out in the production facilities in the Danish headquarter which is optimized for day-to-day delivery of all PR modules.

## Universal 6 product variants for hundreds of applications

PR electronics has designed PReview 5714 and 5715 for universal use and the 6 product variants of the 5700 series cover hundreds of applications, meaning reduced stock, as well as increased flexibility and competitiveness.

- Universal supply voltage 21.6...253 VAC / 19.2...300 VDC.
- Universal input: mA, V, RTD, TC and potentiometer.
- 2-wire supply: 25...16 VDC / 0...20 mA.
- Universally approved for use in the USA (UL), Europe (CE) as well as in the marine industry (DNV).

Wires are connected in no time in the screwless terminals on 5715.



Universal supply voltage.

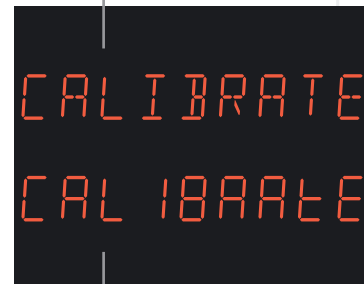
Universal input for mA, V, RTD, TC and potentiometer.

The 14-segment display provides easily readable text.

## User-friendly multilingual menu

The communication between user and display is characterized by its simplicity, and the configuration can be carried out without using a detailed manual. The following features optimize the usability of the PReview 5714 and 5715:

- Easily programmable via front keys.
- The user is guided through the menu structure by an easily readable, scrolling help text in the 14-segment LED display.
- The help text can be displayed in 7 languages: English, German, French, Spanish, Swedish, Italian and Danish.
- Automatic cold junction compensation via internally mounted sensor.
- Fast test of relay functions as each relay can be activated and deactivated independently of the input signal.
- Advanced relay setup, e.g. on/off delay.



Same text in a 7-segment display.

## Reliable 5 year product guarantee

Product reliability has always been one of the key words at PR electronics. Securing operational reliability in customer processes also include the elimination of potential risks in connection with e.g. mounting errors or general mishandling, which are unavoidable in stressful situations. In addition to our standard 5-year product guarantee, PReview 5714 and 5715 offer the following integrated protection features:

- High degree of galvanic isolation between supply, relays and analog output.
- Over-current protected analog input and current-limited analog output.
- Constant surveillance of sensor errors. Sensor error alarm in display and / or via relay output.
- Polarity-protected supply.
- The high tightness level of IP65 from front safeguards the display and the electronics against e.g. wash water.
- 5714 and 5715 can be delivered with a specially designed, splash proof cover ensuring the best conditions for faultless operation also in extreme environments.

Splash-proof cover for extreme environments.





**Side labels:** A detailed installation guide is placed on the module so that the user has all information at hand.

**Fastening:** The unique PR-designed fastening system ensures optimal tightness between display and board.

**Multilingual:** The scrolling help text in the display is available in 7 languages.

**PReset:** 5715 can be programmed by way of a PC and our PReset software, thus offering additional features such as linearization and offset. PReset allows you to configure any number of displays quickly and easily.



## Specifications

5714A 5714B 5714C 5714D 5715B 5715D

mA input: 0/4...20 mA	✓	✓	✓	✓	✓	✓
V input: 0/0.2...1 V / 0...10 V / 2...10 V	✓	✓	✓	✓	✓	✓
RTD: 2-, 3- and 4-wire	✓	✓	✓	✓	✓	✓
TC type: B...W5	✓	✓	✓	✓	✓	✓
Potentiometer: 10 Ω...100 kΩ	✓	✓	✓	✓	✓	✓
2 x relay: 250 VRMS / 2 A		✓		✓		
4 x relay: 250 VRMS / 2 A					✓	✓
mA output: 20 mA / 800 Ω / 16 VDC			✓	✓		✓

■ Input

■ Output



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**Signals the Best**

Reliability is our contribution to higher efficiency and safety in our customers' processes.

The means to achieve this objective is quality in all stages of the order: Product, technical documentation, delivery time, and technical support – in short, all aspects which are of importance to our customers.

Inconspicuousness is often the best proof that we fulfil our mission. But in critical situations our customers can be sure that PR electronics always...

»Signals the Best«