

## INDUSTRIAL COMPONENT DATA

# AFP7RTD8 PANASONIC FP7 temperature sensors unit 8 channels (triplex), PT100(-215°C bis +665°C), jPT100, Pt100..

Brand: PANASONIC | Manufacturer Part Number: AFP7RTD8



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PANASONIC                    |
| MPN / Reference | AFP7RTD8                     |
| Catalog number  | AFP7RTD8                     |
| Category        | FP7 Programmable controllers |
| Minimum order   | 1 unit                       |
| Document ID     | EO-B8937C8B29                |
| Generated       | 2026-08-01                   |

## Product Overview

AFP7RTD8 PANASONIC FP7 temperature sensors unit 8 channels (triplex), PT100(-215°C bis +665°C), jPT100, Pt100..

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                          |
|--------------|------------------------------------------|
| Catalog path | PANASONIC > FP7 Programmable controllers |
|--------------|------------------------------------------|

## Additional Product Information

Product Number AFP7RTD8

Part Number AFP7RTD8

Product FP7 Temperature input units

Product name FP7 Temperature input units

Item Specifications

Product Number AFP7RTD8

Part Number AFP7RTD8

Number of channels 8 channels

Input range(resolution): Resistance temperature detector (resolution: 0.1 °C) Pt100 (1): -100.0 to 200.0degrees

Pt100 (2): -200.0 to 650.0degrees

JPt100 (1): -100.0 to 200.0degrees

JPt100 (2): -200.0 to 650.0degrees

Pt1000: -100.0 to 100.0degrees

Conversion speed 25 ms/channel + 25 ms

Add the drift compensation measuring time to the number of measuring channels.

Overall accuracy plus or minus 0.1%F.S.or less(at +25degrees +77degrees Fahrenheit )  
plus or minus 0.3%F.S.or less(at 0 to +55degrees +32 to +131degrees Fahrenheit )  
Allowable signal source resistance R.T.D. input: 30 Ohm (three wires balanced)  
Insulation method:Between input terminals and internal circuit Photocoupler and isolated DC/DC converter  
Insulation method:Between channels PhotoMOS relay  
Conversion execution / non-execution channel setting Selectable per channel unit  
Input range change method Selectable per channel  
Digital processing:Averaging Cycle, time, moving  
Digital processing:Offset setting Any value within plus or minus 3,000  
Digital processing:Gain setting plus or minus 10%  
Comparison of upper and lower limit values Selectable for one channel  
Max. and min. value holding Selectable for one channel  
Broken wire detection Available  
Connection method Connector type terminal block

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / AFP7RTD8 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use  
[electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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