

Key

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| Function          | Model No.                  | Single Input | Dual Input | Single Trip DPCO | Dual Trip Each SPCO | Supply 24Vdc & 48Vdc - 115/230Vac | Remote set Point | Latched relay | >1% fixed deadband | Variable deadband | Upscale on open circuit | Limited Upscale drive | Downscale on open circuit | RFI Protection | LCD Display | Bi-Colour Red/Green LED | Field Excitation | Notes                                                                                                    |
|-------------------|----------------------------|--------------|------------|------------------|---------------------|-----------------------------------|------------------|---------------|--------------------|-------------------|-------------------------|-----------------------|---------------------------|----------------|-------------|-------------------------|------------------|----------------------------------------------------------------------------------------------------------|
|                   | Download datasheet         |              |            |                  |                     |                                   | B                | L             | X                  | V                 | X                       | X                     | X                         | K              | DI          | BI                      | M                |                                                                                                          |
| Thermocouple      | <a href="#">ADT111</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | ●                       | △                     | ▲                         | ○              | ○           | △                       | —                | Types: B,E,J,K,N,T,R,S.                                                                                  |
|                   | <a href="#">ADT112</a>     | ●            | —          | —                | ●                   | ●                                 | —                | —             | △                  | ○                 | ●                       | △                     | ▲                         | ○              | ○           | △                       | —                |                                                                                                          |
| Millivolt         | <a href="#">ADT115</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | ●                       | △                     | ▲                         | ○              | ○           | △                       | —                | From 0-5mV to 0-400mV                                                                                    |
|                   | <a href="#">ADT116</a>     | ●            | —          | —                | ●                   | ●                                 | —                | —             | △                  | ○                 | ●                       | △                     | ▲                         | ○              | ○           | △                       | —                |                                                                                                          |
| RTD               | <a href="#">ADT121</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | ●                       | △                     | △                         | ○              | ○           | △                       | —                | 2,3 or 4 wire connection                                                                                 |
|                   | <a href="#">ADT122</a>     | ●            | —          | —                | ●                   | ●                                 | —                | —             | △                  | ○                 | ●                       | △                     | △                         | ○              | ○           | △                       | —                |                                                                                                          |
| RTD(Differential) | <a href="#">ADT125</a>     | —            | ●          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | —                       | —                     | —                         | ○              | ○           | △                       | —                | Both inputs 2 wire                                                                                       |
|                   | <a href="#">ADT126</a>     | —            | ●          | —                | ●                   | ●                                 | —                | —             | △                  | ○                 | —                       | —                     | —                         | ○              | ○           | △                       | —                |                                                                                                          |
| Process           | <a href="#">ADT131</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | △                       | △                     | ●                         | ○              | ○           | △                       | △                | Voltage 1/P Z 1MOhm - Current 400mV drop                                                                 |
|                   | <a href="#">ADT132</a>     | ●            | —          | —                | ●                   | ●                                 | —                | —             | △                  | ○                 | △                       | △                     | ●                         | ○              | ○           | △                       | △                |                                                                                                          |
| Pump Control      | <a href="#">ADT135</a>     | ●            | —          | ★                | —                   | ●                                 | —                | ●             | —                  | ●                 | △                       | △                     | ●                         | ○              | ○           | △                       | △                | Conventional or conductive plastic 2,3 or 4 wire connection                                              |
| Process (Diff)    | <a href="#">ADT139</a>     | —            | ●          | —                | ●                   | ●                                 | —                | —             | △                  | —                 | —                       | —                     | —                         | ○              | ○           | △                       | —                |                                                                                                          |
| Slidewire         | <a href="#">ADT141</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | ●                       | △                     | △                         | ○              | ○           | △                       | —                | Both inputs 2 wire                                                                                       |
|                   | <a href="#">ADT142</a>     | ●            | —          | —                | ●                   | ●                                 | —                | —             | △                  | △                 | ●                       | △                     | △                         | ○              | ○           | △                       | —                |                                                                                                          |
| Slidewire (Diff)  | <a href="#">ADT145</a>     | —            | ●          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | ●                       | △                     | △                         | ○              | ○           | △                       | —                | Internal VT/CT fitted for power measurement<br>ADT151-HCT - Hall effect CT giving input range up-to 100A |
|                   | <a href="#">ADT146</a>     | —            | ●          | —                | ●                   | ●                                 | —                | —             | △                  | —                 | ●                       | △                     | △                         | ○              | ○           | △                       | —                |                                                                                                          |
| AC Current        | <a href="#">ADT151</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | —                       | —                     | ●                         | ○              | ○           | △                       | —                | Any regular waveform                                                                                     |
|                   | <a href="#">ADT151-HCT</a> | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | —                       | —                     | ●                         | ○              | ○           | △                       | —                |                                                                                                          |
| AC Voltage        | <a href="#">ADT152</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | —                       | —                     | ●                         | ○              | ○           | △                       | —                | From 0-5mV to 0-400mV Exc 5 to 10V                                                                       |
| AC Frequency      | <a href="#">ADT181</a>     | ●            | —          | ●                | —                   | ●                                 | △                | △             | △                  | △                 | —                       | —                     | ●                         | ○              | ○           | △                       | △                |                                                                                                          |
|                   | <a href="#">ADT182</a>     | ●            | —          | —                | ●                   | ●                                 | —                | —             | △                  | —                 | —                       | —                     | ●                         | ○              | ○           | △                       | △                |                                                                                                          |
| Strain Gauge      | <a href="#">ADT171</a>     | ●            | —          | ★                | —                   | ●                                 | —                | △             | △                  | △                 | ●                       | —                     | ▲                         | ○              | ○           | △                       | —                |                                                                                                          |

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