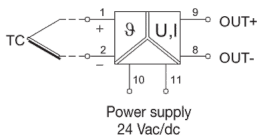
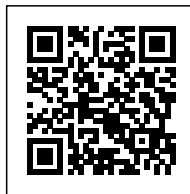


Temperature converter IN:  
thermocouple / OUT: 3 ranges



|  |   |
|--|---|
| <b>Series</b>                                  | CW  |
| <b>Code</b>                                    | X756844   |
| <b>Type</b>                                    | CWTH6-0844  |
| <b>HS code</b>                                 | 85043129  |
| <b>INPUT TECHNICAL DATA</b>                    |   |
| <b>Signal type IN</b>                          | thermocouple (J / K)                              |
| <b>Input range IN</b>                          | 8 programmable ranges (see tab. 1)                |
| <b>Parametrization IN</b>                      | DIP switch  |
| <b>OUTPUT TECHNICAL DATA</b>                   |   |
| <b>Signal type OUT</b>                         | analogue  |
| <b>Output range OUT</b>                        | 0...10 V / 0...20 mA / 4...20 mA                  |
| <b>Maximum output signal OUT</b>               | 21 mA (voltage input)                             |
| <b>Load impedance OUT</b>                      | >1 kΩ (voltage output) / < 400 Ω (current output) |
| <b>Ripple</b>                                  | <5 mV   |
| <b>Status indication</b>                       | LED   |
| <b>Parametrization OUT</b>                     | DIP switch  |
| <b>GENERAL TECHNICAL DATA</b>                  |   |
| <b>Power supply voltage</b>                    | 24 Vac/dc (16.8...30 Vdc / 19.2...28.8 Vac)       |
| <b>Current consumption</b>                     | 10 mA   |
| <b>Accuracy</b>                                | 0.5% FSR  |
| <b>Linearity error</b>                         | 0.1% FSR  |
| <b>Temperature coefficient</b>                 | <150 ppm / K FSR                                  |
| <b>Transmission frequency</b>                  | 10 Hz   |
| <b>Rise time</b>                               | 30 ms   |
| <b>Operating temperature range</b>             | -25...+60°C                                       |
| <b>Insulation</b>                              | 4 kVac / 60 s                                     |
| <b>Insulation type</b>                         | 3-way (IN / OUT / power)                          |
| <b>Standard approvals</b>                      | IEC 664-1, DIN VDE                                |
| <b>EMC Standard</b>                            | EN 50081-2, EN 50082-2                            |
| <b>Overvoltage category / pollution degree</b> | II / 2  |
| <b>Protection degree</b>                       | IP 20   |
| <b>Connection terminal IN / OUT</b>            | 2.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup> (screw) |
| <b>Housing material</b>                        | UL94V-0 plastic material                          |
| <b>Dimensions (LxHxD)</b>                      | 17.5x79x84 mm                                     |
| <b>Approximate weight</b>                      | 70 g  |
| <b>Mounting information</b>                    | on a rail, side by side                           |
| <b>ACCESSORIES</b>                             |   |
| <b>Mounting rail (IEC60715/TH35-7.5)</b>       | PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB          |
| <b>Marking tag</b>                             | TAP207A_  |
| <b>APPROVALS AND MARKINGS</b>                  | CE,   |



\* Input: thermocouple (J / K)\* Output: 3 selectable ranges\* Insulation: 4.0 kVac, 3-way isolation

## DESCRIZIONE DEL PRODOTTO

Temperature converter IN: thermocouple / OUT: 3 ranges