

| Technical Information | |
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| model | DF58-M-4AO-UI-6 |
| type | Analog output |
| measuring range | Voltage and current |
| Number of channels | four |
| resolving power | 16 Bit |
| Conversion time | 150us/channel |
| Voltage output range | $\pm 10V$, 0-10V, 2-10V, $\pm 5V$, 0-5V, 1-5V |
| Voltage output load | 1K Ω |
| Voltage output accuracy (25 °C) | $\pm 0.1\%$ (full range) |
| Voltage output accuracy (full temperature range) | $\pm 0.5\%$ (full range) |
| Current output range | $\pm 20mA$, 0-20mA, 4-20mA |
| Current output load | 0-600 Ω |
| Current output accuracy (25 °C) | $\pm 0.1\%$ (full range) |
| Current output accuracy (full temperature range) | $\pm 0.5\%$ (full range) |
| Is it isolated | No isolation between interface channels, power supply and interface isolation, interface and bus isolation |
| Diagnostic reporting function configuration | support |
| Conversion Mode Configuration | $\pm 10V$, 0-10V , 2-10V , $\pm 5V$, 0-5V , 1-5V , $\pm 20mA$, 0-20mA , 4-20mA |
| Configuration of output status after shutdown | Clear to zero, maintain current output, output preset values |
| Output preset value configuration after shutdown | support |
| Conversion Digital Range Configuration | Default configuration (us/channel 8), supporting ± 32000 |
| Sampling time | 4 channels 1ms |
| Sampling refresh | Asynchronous refresh according to sampling time, does not require synchronous refresh according to bus cycle |
| Stop mode | Output according to the fault shutdown status mode and preset values, no longer refreshing |
| Signal type | Differential |
| Isolation method | Magnetic isolation from the on-site layer |
| data size | 8 Byte |
| Error diagnosis | YES |
| Load type | Sensibility, resistance, tolerance |
| Protective current | 20mA |
| temperature coefficient | <20 ppm |
| Power parameters | |
| working voltage | 24V DC +20 %/ -15 % |
| System feed current | <15mA |
| Wiring parameters | |
| Connection technology: input/output | PUSH-IN type terminal blocks |
| Connection type (1) | Input/Output |
| Crimping area of wire | 0.2~1.5mm ² /26~16AWG |

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| Strip length | 8-10mm ² |
| Installation method | DIN-35 type guide rail |
| Material parameters | |
| colour | Light gray |
| Shell material | PC plastic, PA66 |
| Consistency flag | CE |
| Environmental requirements | |
| Permissible ambient temperature (during operation) | -25-60 °C |
| Permissible ambient temperature (storage) | -40-85 °C |
| Protection type | IP20 |
| Pollution level | 2. Comply with IEC 61131-2 standard |
| Working altitude | Temperature without derating: 0-2000m |
| Installation position | arbitrarily |
| Relative humidity (non condensing) | 5-95% RH |
| Anti vibration | 4g, in accordance with IEC 60068-2-6 standard |
| Impact resistance | 15g, in accordance with IEC 60068-2-27 standard |
| EMC - Immunity | Complies with EN 61000-6-2 standard |
| EMC - Radiated interference | Complies with EN 61000-6-3 standard |
| Corrosion resistance | Complies with IEC 60068-2-42 and IEC 60068-2-43 standards |
| Permissible H2S pollutant concentration at 75% relative humidity | 10ppm |
| Permissible SO2 pollutant concentration at 75% relative humidity | 25ppm |