



Main

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|---------------------------|----------------------|
| Range of product | Modicon X80 |
| Product or component type | Analog output module |
| Electrical connection | 20 ways 1 connector |
| Input output isolation | Non isolated |

Complementary

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|------------------------------|---|
| Measurement error | $\leq 0.25\%$ of full scale 0...60 °C 0.1 % of full scale 25 °C |
| Temperature drift | 45 ppm/°C 0...20 mA 45 ppm/°C 4...20 mA |
| Common mode between channels | ≥ 80 dB |
| Isolation voltage | 1400 V DC between channels and ground 1400 V DC between channels and bus |
| Detection type | Open circuit 4...20 mA Short circuit 0...20 mA |
| Load impedance ohmic | ≤ 350 Ohm 0...20 mA ≤ 350 Ohm 4...20 mA |
| Output level | High level |
| Analogue output number | 8 |
| Analogue output type | Current: 0...20 mA Current: 4...20 mA |
| Analogue output resolution | 16 bits |
| Supply | Internal power supply via rack |
| Conversion time | ≤ 4 ms |
| Maximum conversion value | 0...21 mA 0...20 mA 0...21 mA 4...20 mA |
| Fallback mode | Configurable Predefined |
| Protective treatment | TC |
| Operating altitude | 0...2000 m 2000...5000 m with derating factor |
| Status LED | 1 LED (green)RUN: 1 LED per channel (green)channel diagnostic: 1 LED (red)ERR: 1 LED (red)I/O: |
| Net weight | 0.15 Kg |
| Power consumption in W | 3.4 W 24 V DC typical 3.7 W 24 V DC maximum 0.35 W 3.3 V DC typical 0.48 W 3.3 V DC maximum |

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Environment

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|---------------------------------------|---|
| Vibration resistance | 3 gn |
| Shock resistance | 30 gn |
| Ambient air temperature for storage | -40...85 °C |
| Ambient air temperature for operation | 0...60 °C |
| Relative humidity | 5...95 % at 55 °C without condensation |
| IP degree of protection | IP20 |
| Directives | 2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive |
| Product certifications | EAC CSA CE RCM UL Merchant Navy |
| Standards | EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201 |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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Product Life Status : **Commercialised**