



Main

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| Range of product | Advantys |
| Product or component type | Modular interface |
| Addressing | Extended A/B |
| Number of addresses | <= 62 |
| Discrete input number | 4 |
| Supply | Via AS-Interface line for sensor |
| AS-i profile | S0.A.7.0 |

Complementary

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| Range compatibility | AS-Interface cabling system |
| AS-Interface compatibility | V2.1 |
| [Us] rated supply voltage | 26.5...31.6 V DC for AS-Interface line |
| Maximum sensor supply current | 170 mA |
| Current consumption | 15 mA on no load for AS-Interface line <= 50 mA on inputs/outputs on and sensor not energised for AS-Interface line |
| Input compatibility | 2 or 3-wire PNP conforming to IEC 61131-2 Type 2 |
| Voltage state 1 guaranteed | > 11 V (sensor side) |
| Current state 1 guaranteed | > 6 mA (sensor side) |
| Voltage state 0 guaranteed | < 5 V (sensor side) |
| Current state 0 guaranteed | < 2 mA (sensor side) |
| Switching time | 1 ms for ON to OFF (actuator side) 1 ms for OFF to ON (actuator side) |
| Output fallback position | State 0 if watchdog tripped |
| Parameter bits | Not used |
| Overvoltage category | II conforming to EN/IEC 60664-1 |
| Electrical connection | Removable terminal block (sensor side) Removable terminal block (AS-Interface line) |
| Fixing mode | Clip-on on 35 mm symmetrical DIN rail, operating position: horizontal By 2 screws, Ø 3 mm on panel |
| Housing material | Polycarbonate |
| Flame retardance | V0 conforming to UL 94 |
| Local signalling | 4 LEDs yellow, function: input status 1 LED red, function: no data exchange on AS-Interface (on steady), peripheral fault (flashing) 1 LED green, function: auxiliary supply on 1 LED green, function: AS-Interface power on |
| Product weight | 0.09 kg |

Environment

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|---------------------------------------|---|
| Product certifications | AS-Interface No 52501 CSA UL |
| Ambient air temperature for operation | -20...60 °C |
| Ambient air temperature for storage | -40...85 °C |
| IP degree of protection | IP20 conforming to EN/IEC 60529 |
| Shock resistance | 15 gn for 11 ms conforming to EN/IEC 60068-2-27 |

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|---------------------------------------|---|
| Vibration resistance | 1 gn (f = 13.2...100 Hz) +/-1 mm (f = 2...13.2 Hz) |
| Resistance to electrostatic discharge | 6 kV conforming to EN/IEC 61000-4-2 |
| Resistance to radiated fields | 10 V/m conforming to EN/IEC 61000-4-3 |
| Resistance to fast transients | 2 kV conforming to EN/IEC 61000-4-4 |
| Pollution degree | 2 conforming to EN/IEC 60664-1 |