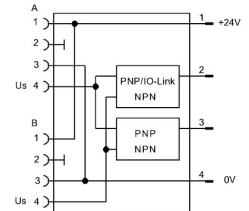


Signal conditioner SCDN-2V-EC4-PNLK-L1

Part number: 803555

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Symbol | 00995687 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| Certificate issuing authority | UL E322346 |
| Note on materials | RoHS compliant |
| Measured variable | voltage |
| Signal range | 0 - 10 V |
| Ambient temperature | 0 °C ... 50 °C |
| Typical sampling interval | 1 ms |
| Accuracy in ± % FS | 0.5 %FS |
| Repetition accuracy in ± %FS | 0.2 %FS |
| Switching output | 2 x PNP or 2 x NPN switchable |
| Switching function | Freely programmable |
| Switching element function | N/C contact/N/O contact, switchable |
| Max. output current | 100 mA |
| Short-circuit protection | Yes |
| Protocol | IO-Link® |
| IO-Link®, protocol version | Device V 1.1 |
| IO-Link®, profile | Smart sensor profile |
| IO-Link®, function classes | Binary data channel (BDC) Process data variable (PDV) Identification Diagnostics Teach channel |
| IO-Link®, communication mode | COM2 (38,4 kBd) |
| IO-Link®, SIO mode support | Yes |
| IO-Link®, port class | A |
| IO-Link®, process data width OUT | 0 bytes |
| IO-Link®, process data width IN | 5 Byte |
| IO-Link®, process data content IN | 14 bit PDV (InA measured value) 14 bit PDV (InB measured value) 2 bit BDC (measured value monitoring) |
| IO-Link®, minimum cycle time | 5 ms |

| Feature | Value |
|---|--|
| IO-Link®, data memory required | 500 byte |
| DC operating voltage range | 15 V ... 30 V |
| Reverse polarity protection | for all electrical connections |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, connection technology | Connection pattern L1] |
| Electrical connection 1, number of pins/wires | 4 |
| Electrical connection for input 1, connection pattern | 00995428 |
| Electrical connection 2, connection type | 2x port |
| Electrical connection 2, connection technology | Circuit diagram EC |
| Electrical connection 2, number of pins/wires | 4 |
| Electrical connection 2, connection pattern | 00995750 |
| Type of mounting | With wall/surface bracket |
| Product weight | 23 g |
| Housing material | PA-reinforced |
| Display type | Multi-color backlit LCD |
| Setting options | IO-Link® Teach-in Via display and keys |
| Protection against tampering | IO-Link® PIN code |
| Degree of protection | IP40 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |