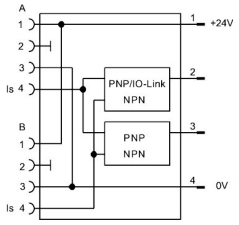
Signal conditioner
SCDN-2A-EC4-PNLK-L1

Part number: 8035556





Data sheet

Feature	Value
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 instructions for EMC To UK RoHS instructions
Certificate issuing authority	UL E322346
Note on materials	RoHS compliant
Measured variable	current
Signal range	0 - 20 mA
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

Feature	Value
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
IO-Link®, data memory required	0.5 KB
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 L1J
Electrical connection 1, number of pins/wires	4
Electrical connection 2, connection type	2x port
Electrical connection 2, connection technology	Circuit diagram EC
Electrical connection 2, number of pins/wires	4
Type of mounting	Front panel 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