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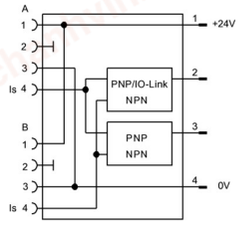
Signal converter
SCDN-2A-EC4-PNLK-L1

Part number: 8035556

FESTO





Data sheet

Feature	Value
Symbol	00995688
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
CE 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
analog input	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 or N/O contact, switchable
Max. output current	100 mA
Short circuit current rating	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 kBaud)
IO-Link, SIO-Mode support	Yes
IO-Link, Port class	A
IO-Link, Process data length OUT	0 bytes
IO-Link, Process data length IN	5 bytes
IO-Link, Process data content IN	14 bit PDV (measured value InA) 14 bit PDV (measured value InB) 2 bit BDC (measured value monitoring)
IO-Link, Min. cycle time	5 ms

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Feature	Value
IO-Link, Data storage required	500 Byte
Operational voltage range DC	15 V ... 30 V
Reverse polarity protection	For all electrical connections
Electrical connection 1, connection type	Plugs
Electrical connection 1, connector system	Connection pattern L1J
Electrical connection 1, number of connections/cores	4
Electrical connection 1, connection pattern	00995428
Electrical connection 2, connection type	2x socket
Electrical connection 2, connector system	Connection pattern EC
Electrical connection 2, number of connections/cores	4
Electrical connection 2, connection pattern	00995750
Type of mounting	Front panel mounting Via wall/surface bracket
Product weight	23 g
Material housing	PA-reinforced
Display type	Illuminated LCD, multi-colour
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