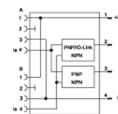
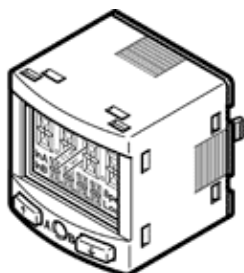


# signal converter SCDN-2A-EC4-PNLK-L1

Part number: 8035556

FESTO



## Data sheet

Feature	Value
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
KC mark	KC-EMV
Certificate issuing department	UL E322346
Materials note	Conforms to RoHS
Measured variable	Current
Signal range	0 - 20 mA
Ambient temperature	0 ... 50 °C
Typical scanning interval	1 ms
Accuracy, FS	0.5 %FS
Repetition accuracy in ± %FS	0.2 %FS
Switch 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 strength	Yes
Protocol	IO-Link
IO-Link, protocol	Device V 1.1
IO-Link, profile	Smart sensor profile
IO-Link, function classes	Binary Data Channels (BDC) Process Data Variable (PDV) Identification diagnosis Teach channel
IO-Link, communication mode	COM2 (38,4 kBaud)
IO-Link, SIO mode support	Yes
IO-Link, port type	A
IO-Link, process data width OUT	0 Byte
IO-Link, process data width IN	5 Byte
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, minimum cycle time	5 ms
IO-Link, data memory required	0.5 Kilobyte
Operating voltage range DC	15 ... 30 V
Polarity protected	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 socket
Electrical connection 2, connection technology	Plug pattern EC
Electrical connection 2, number of pins/wires	4
Mounting type	Front panel installation with wall/surface fixing

Feature	Value
Product weight	23 g
Material housing	PA-reinforced
Type of display	Illuminated LCD, multicoloured
Setting options	IO-Link Teach-In Via display and buttons
Protection against manipulation	IO-Link PIN-Code
Protection class	IP40
Corrosion resistance classification CRC	2 - Moderate corrosion stress