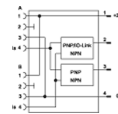
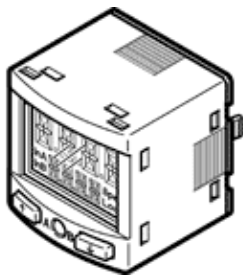


# signal converter SCDN-2A-EC4-PNLK-L1

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
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
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

Feature	Value
	with wall/surface fixing
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
PWIS conformity	VDMA24364-B2-L