

IO-Link Master USB CDSU-1

Part number: 8091509

FESTO



Data sheet

Feature	Value
USB interface	USB 2.0 type B, mini
USB interface, galvanic isolation	yes
Electric IO-Link® connection, connection pattern	00991867
USB interface, plug pattern	00995868
IO-Link®, data memory available	2 kByte/port
IO-Link®, number of ports	1
Short-circuit protection	yes
IO-Link®, output current	Max. input current with external supply (<2.5 A) 80 mA with USB operation
IO-Link®, process data width IN	0–32 bytes parameterizable
Overload protection	Not available
Power supply, function	Additional power supply
Electrical connection, IO-Link®, connection technology	M12x1, A-coded as per EN 61076-2-101
IO-Link®, communication mode	COM1 (4.8 kBd), COM2 (38.4 kBd), COM3 (230.4 kBd)
IO-Link®, process data width OUT	0–32 bytes parameterizable
Protocol	IO-Link®
IO-Link®, minimum cycle time	1.5 ms
Conforms to standard	EN 61131-9
Power supply, type of connection	Socket
Power supply, connection pattern	00995993
Reverse polarity protection	for operating voltage connections
Power supply, connection technology	Coaxial
IO-Link®, protocol version	Master V 1.1 Master V 1.0
Application note	for use with the USB IO-Link Master Tool software (available from the support portal) for Windows version 7 or above (32/64-bit).
IO-Link®, port class	A B, with accessories
Electrical IO-Link® connection, connection type	Socket
Electrical connection IO-Link, occupied pins/wires	3
Electrical IO-Link® connection, number of pins/wires	5
Power supply, number of pins/wires	2
Output voltage	24 V DC \pm 6 V with external supply (max. input voltage) 24 V DC \pm 10% with USB operation
Input voltage	24 V DC \pm 6 V via external supply 5 V DC at the USB connection
Power supply, information on connection technology	for plugs with exterior \varnothing 5.5 mm/interior- \varnothing 2.1 mm

Feature	Value
Input current	Max. 2.5 V DC via external supply Max. 600 mA at the USB connection
Type code	CDSU
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
Storage temperature	-10 °C ... 75 °C
Degree of protection	IP20
Ambient temperature	0 °C ... 55 °C
Certification	RCM compliance mark
Product weight	106 g
Note on materials	RoHS-compliant Contains paint-wetting impairment substances
Housing material	Wrought aluminum alloy, anodized