

IO-Link Master USB CDSU-1

Part number: 8091509

FESTO



Data sheet

Feature	Value
Type code	CDSU
Conforms to standard	EN 61131-9
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).
Input voltage	5 V DC at the USB connection 24 V DC \pm 6 V via external supply
Input current	Max. 2.5 V DC via external supply Max. 600 mA at the USB connection
Output voltage	24 V DC \pm 10% with USB operation 24 V DC \pm 6 V with external supply (max. input voltage)
Reverse polarity protection	for operating voltage connections
Short-circuit protection	yes
Overload protection	Not available
Certification	RCM compliance mark
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
Product weight	106 g
Protocol	IO-Link®
IO-Link®, protocol version	Master V 1.0 Master V 1.1
IO-Link®, communication mode	COM1 (4.8 kBd), COM2 (38.4 kBd), COM3 (230.4 kBd)
IO-Link®, port class	A B, with accessories
IO-Link®, number of ports	1
IO-Link®, process data width OUT	0–32 bytes parameterizable
IO-Link®, process data width IN	0–32 bytes parameterizable
IO-Link®, minimum cycle time	1.5 ms
IO-Link®, data memory available	2 kByte/port
IO-Link®, output current	80 mA with USB operation Max. input current with external supply (<2.5 A)
Power supply, function	Additional power supply
Power supply, type of connection	Socket
Power supply, connection technology	Coaxial
Power supply, information on connection technology	for plugs with exterior \varnothing 5.5 mm/interior- \varnothing 2.1 mm
Power supply, number of pins/wires	2

Feature	Value
Power supply, connection pattern	00995993
USB interface	USB 2.0 type B, mini
USB interface, plug pattern	00995868
USB interface, galvanic isolation	yes
Electrical IO-Link® connection, connection type	Socket
Electrical connection, IO-Link®, connection technology	M12x1, A-coded as per EN 61076-2-101
Electrical IO-Link® connection, number of pins/wires	5
Electrical connection IO-Link, occupied pins/wires	3
Electric IO-Link® connection, connection pattern	00991867
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	Wrought aluminum alloy, anodized