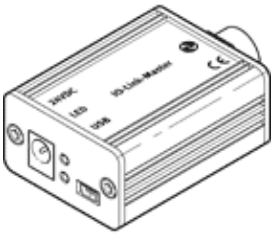
IO-Link Master USB
CDSU-1

Part number: 8091509



Data sheet

Feature	Value
Conforms to standard	EN 61131-9
Instructions for use	For use with the USB IO-LinkMaster Tool software (available from the Support Portal) for Windows version 7 or higher (32/64 bit).
Input voltage	5 V DC at the USB connection 24 V DC ± 6 V via external supply
Input current	Max. 2.5 A via external supply Max. 600 mA at the USB connection
Output voltage	24 V DC ± 10% with USB operation 24 V DC ± 6 V with external supply (max. input voltage)
Polarity protected	For operating voltage connections
Short circuit strength	Yes
Overload withstand capability	Not available
Authorisation	RCM Mark
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
PWIS conformity	VDMA24364 zone III
Storage temperature	-10 ... 75 °C
Protection class	IP20
Ambient temperature	0 ... 55 °C
Product weight	106 g
Protocol	IO-Link
IO-Link, protocol	Master V 1.0 Master V 1.1
IO-Link, communication mode	COM1 (4,8 kBaud), COM2 (38,4 kBaud), COM3 (230,4 kBaud)
IO-Link, port type	A B, with accessories
IO-Link, number of ports	1
IO-Link, process data width OUT	can be parameterised 0 - 32 bytes
IO-Link, process data width IN	can be parameterised 0 - 32 bytes
IO-Link, minimum cycle time	1,5 ms
IO-Link, memory	2 kByte / Port
IO-Link master, output current	80 mA with USB operation Max. input current with external supply
Power supply, function	Additional power supply
Power supply, type of connection	Plug socket
Power supply, connection technology	Coaxial
Power supply, note on connection technology	for plugs with outside diameter 5.5 mm/inside diameter 2.1 mm
Power supply, number of pins/wires	2
USB interface, connection technology	USB 2.0 type B mini
USB interface, connection pattern	00995868
USB interface, galvanic isolation	Yes
Electrical connection for IO-Link®, connection type	Plug socket
Electrical connection for IO-Link®, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection for IO-Link®, number of pins/wires	5
IO-Link® electrical connection, occupied pins/wires	3
Materials note	Conforms to RoHS
Material housing	Anodised wrought aluminium alloy