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RS232-USB-M12M5M8M17 USB to RS232 isolated adaptor, M12 Male



General information

Description	USB to RS232 isolated adaptor, M12 Male, USB to RS232 converter w. optical isolation. Fits all MAC motor® with Modules (MAC00-xxxx) 3 meter cable 3 x 30 cm 5, 8 and 17 pin cables. Replaces RS232-M12-1-5-5 + RS232-M12-1-5-8 + RS232-M12-1-5-17 + RS232-USB2.0-1 converter. Driver can be downloaded from https:// xxx ...		
Cable connectivity	USB to RS232 Converter	**Color**	Black
Cable connector 1	M12 - M5M8M17 A-coded	**Cable connector 2**	USB male
Connector 1 angle	0° Straight	**Connector 2 angle**	0° Straight
Cable length [m]	5	**Oil resistant**	No
CE Marked	Yes	**Approval - UL**	

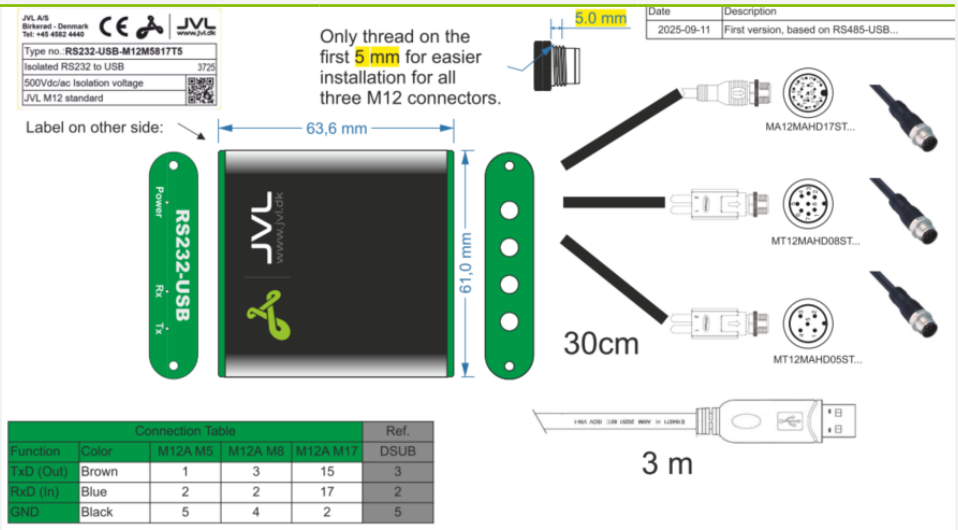
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Connector information

Connector 3x M12, RS232-M5M8M17	M12-M5M8M17 female A-coded	**Connector 3x M12, RS485-M5M8M17**	n/a
Cable connector 1	M12 - M5M8M17 A-coded	**Cable connector 2**	USB male
Connector 1 angle	0° Straight	**Connector 2 angle**	0° Straight
Connector 1 IP	IP67	**Connector 2 IP**	IP42
Color	Black	**Cable material**	PVC Polyvinylchlorid
Cable Application	Communication	**Cable flexibility**	Standard
Cable shielding braid	Yes	**Cable shielding foil**	Yes

Picture connections



Connection Table					Ref.
Function	Color	M12A M5	M12A M8	M12A M17	DSUB
TxD (Out)	Brown	1	3	15	3
RxD (In)	Blue	2	2	17	2
GND	Black	5	4	2	5

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Electrical information

USB TYPE:	2.0	**USB Isolation**	500Vdc Galvanic
USB Duplex	Half Duplex	**USB Baudrate max [Mbps]**	1
USB Voltage	5	**USB Current <[mA]**	10
USB Termination included:	No	**Ambient Temperature range [°C]:**	-20°C to +85°C

ESD Rating:	Build in extra ESD protection
	Human Body Model HBM ±15 kV
	61000-4-2 Air Discharge ±15 kV
	61000-4-2 Contact Discharge ±15 kV
EMC Emission	EN IEC 61000-6-4:2019
EMC Immunity	EN IEC 61000-6-2:2019
USB Driver	Link