



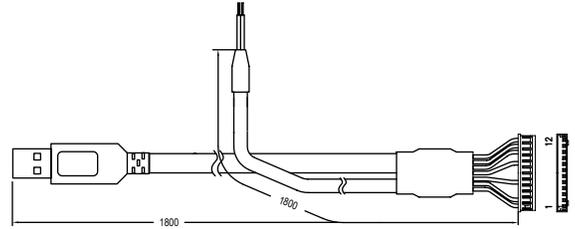
INTERFACE OPTIONS

CM1 Series Interface Options

CM1 US1 - 1800

CM1 motor | USB | Length in mm

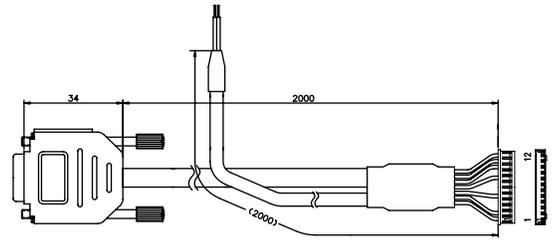
- USB communications cable; CM1 Cool Muscle to PC via virtual COM port.
- 24AWG, 2 conductor power cable.
- Drivers available at www.coolmuscle.com



CM1 C3 - 1800

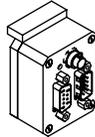
CM1 motor | RS-232 | Length in mm

- RS-232 communications; CM1 Cool Muscle to PC/Controller via DB9 connector.
- 24AWG, 2 conductor power cable.

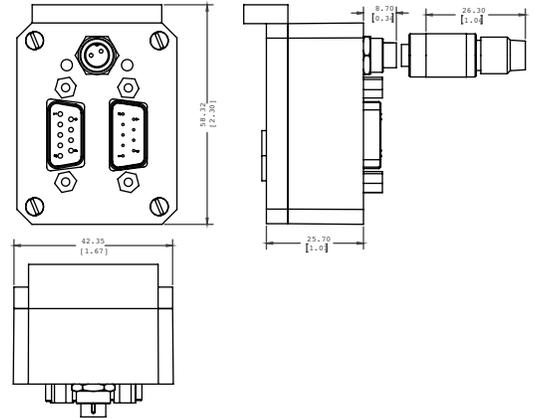


CM1-X-XXXXX-SRL M

CM1 17 or 23 size motor | RS-232 | M - Master | S - Secondary



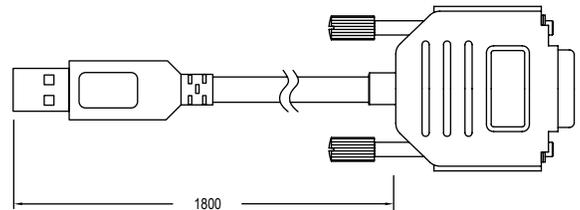
- RS-232 communications option, CM1 Cool Muscle and PC/Controller via DB9 connectors.
- Update to CM1DC1-MBS/SBS/CASE set. Jumper selectable Master/Secondary.
- Daisy chain network support and I/O access via DB9 connector.
- 24Vdc power via M9 connector, cable not included.
- Recommended power cable: CM1M9-2F-2000



CM1 US2 - 1800

CM1 motor | USB-SRLS | Length in mm

- USB communications cable; PC via virtual COM port to -SRLS Serial interface.
- Used for PC USB communications with a -SRL module set to Secondary mode instead of using a RS-232 connection to a -SRLM module.
- Drivers available at www.coolmuscle.com

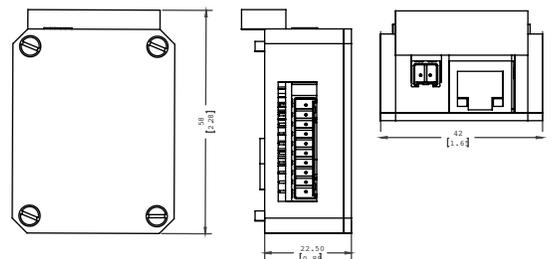


CM1-X-XXXXX-IPX

CM1 17 or 23 size motor | Ethernet TCP/IP



- TCP/IP communications option; CM1 Cool Muscle to PC/Controller via RJ45.
- 40cm single ended Power and I/O cables included
- 24Vdc power cable option: CM1IPX1-2000, Positive lock 2 pin
- I/O & Daisy Chain cable option: CM1IPX2-2000, Positive lock 10 pin
- Virtualized COM port driver available at www.coolmuscle.com.



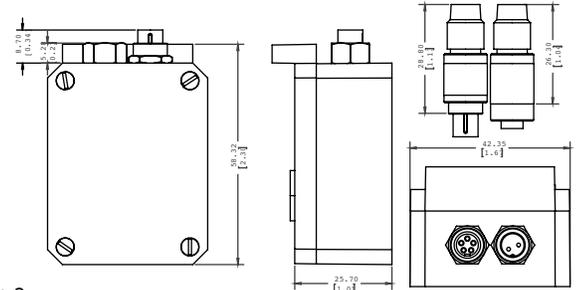
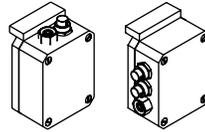
INTERFACE OPTIONS



CM1 Series Interface Options M9 Connector Modules

CM1-X-XXXXX-CAN 2

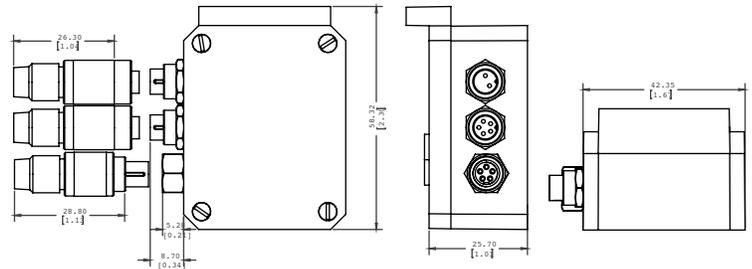
CM1 17 or 23 size motor	CANopen	2 - 2 Connector 3N - 3 Connector, 2nd Network connector 3D - 3 Connector, I/O Access
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- CANopen communications option; CM1 Cool Muscle and CAN host.
- M9 connectors for power, communications and I/O.
- 2 connector option provides CAN communications, power, Input 2 and Output 2.
- 3N connector option provides second CAN network port, power, Input 2 and Output 2.
- 3D connector option provides CAN communications, power, all I/O.

CM1-X-XXXXX-DNT 2

CM1 17 or 23 size motor	DeviceNet	2 - 2 Connector 3N - 3 Connector, 2nd Network connector 3D - 3 Connector, I/O Access
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- DeviceNet communications option; CM1 Cool Muscle and DeviceNet host.
- Connector options are the same as the CANopen interface

CM1-X-XXXXX-RBST 2

CM1 17 or 23 size motor	M9 Pass-through	2 - 2 Connector 3N - 3 Connector, 2nd Network connector 3D - 3 Connector, I/O Access
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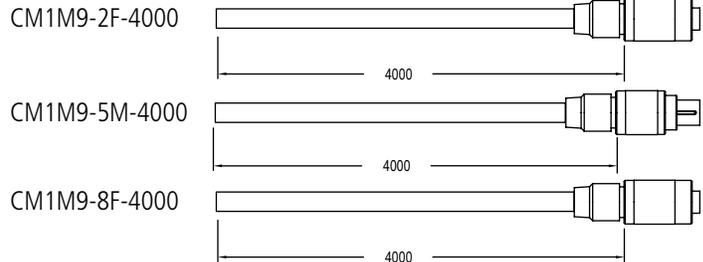
- Connector only pass-through option adds robust mechanical interface.
- Same M9 configuration as CAN and DeviceNet Options.
- M9 connectors for power, and I/O.
- 2 connector option provides power, Inputs 1 & 2, Outputs 1 & 2.
- 3 connector option provides additional I/O access.
- 3N option provides internal pull-up resistor for daisy chain networking.

M9 Cables

CM1M9 - 2 F - 4000

M9 Connector	2 pin Female	Length in mm
	5 pin Male	
	8 pin	

- Single ended cables with M9 connectors for use with the SRL, CAN, DNT, and RBST interfaces
- 4m length is standard stock item, other lengths built to order.



CM1US 3 - 1800

CM1 USB	3-CAN2/3N 4-CAN3D 5-RBST2/RBST3	Length in mm
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- USB communications cable; CM1 Cool Muscle to PC via virtual COM port.
- Used with M9 connector interfaces
- Cables 3,4 and 5 are not interchangeable as pinouts vary.

