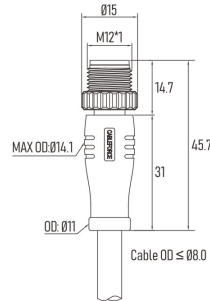**CableForce**®

# M12 A-Coded 5Pin male connector, 1m CANopen micro cable, 1PxAWG24 + 1Px22AWG, PVC Jacket, Violet Color, end with wire terminal

Please be informed that the data shown in this PDF document is generated from our Online Catalog for reference only, for detailed technical information please contact our sales!



Ø15
M12*1
14.7
MAX OD:Ø14.1
45.7
31
OD: Ø11
Cable OD ≤ Ø8.0

**Part No.:** MC05C1LSAB24CV10-CAN-T
**Contacts Poles:** 05 Pin
**Cable Length:** 1 m
**Connector Gender:** Male connector
**Cable Jacket:** PVC
**Voltage Rating:** 60V
**EMC Shielding:** Half or partial shielded
**Products Certification:** UL Certified, CE/ EMC

## Product data

| | | | |
|---|---|---|---|
| Contacts Poles: | 05 Pin | Cable Length: | 1 m |
| Connector Gender: | Male connector | Cable Jacket: | PVC |
| Current Rating: | 4 A | Wire Gauge (size): | 24AWG/ 0.25mm², 22AWG/ 0.34mm² |
| Voltage Rating: | 60V | Wire Insulation: | PVC, Foamed PE |
| Keyway Coding: | A-Coding | EMC Shielding: | Half or partial shielded |
| Straight/ 90° Angled: | 180° Straight | Cable Color: | Violet |
| Contacts Termination: | Soldering | Temperature Rating: | -40°C ~ + 80°C |
| Contacts Material: | Brass, machined solid pin | Cable Flamability: | VW-1 |
| Contacts Plating: | 3µ" Gold plating thickness | Cable Features: | UV-Resistant |
| Inserts: | PA66 + GF | Sealing: | O-Ring |
| Overmolding: | TPU | Locking Screws: | Brass with nickel plated |
| Contact Resistance: | ≤5mΩ | Insulation Resistance: | ≥ 100 MΩ |
| Protection Degree: | IP 67, IP 69K | Pollution Degree: | III |
| Connector Flamability: | UL94 V0 | Waterproof Depth: | IP67 1m depth 30 minutes |
| Plug Mating Life: | 500 times | Warranty: | 2-years quality guarantee period |
| Compliance: | RoHS compliant | Reference Standard: | IEC 61076-2-101, DeviceNet, CANopen |
| Products Certification: | UL Certified, CE/ EMC | Connector Type: | Cable molding type (extension cable) |
| Charateristic Impedance: | 120Ω +/-12 | | |

## Description

CABLEFORCE offers tailor-made industrial CANopen, CANbus, DeviceNet and NMEA 2000 cables and cordsets. Our wide offering of fieldbus cables offers compatibility with most major fieldbus protocols, including PROFIBUS, DeviceNet™, CAN Bus, CC-Link and ASI Bus and industrial Ethernet PROFINET, EtherCAT, EtherNet/IP™ and other industrial Ethernet protocols with bandwidth from Cat 5e, Cat 6A to Cat7.

**We provide customers with the following cable custom services:**

● Custom cable color and length, custom print and labeling as well as packaging
● Custom Material: Extreme Temperature Resistant, High Flexible, UV Resistance, Oil Resistance, LSZH, Hydrolysis Resistance, Anti-Corrosion;
● Connector Configuration: Single Ended, Double Ended, multi Ended, multi-core wire, mixed joint and other configurations;
● Mechanical Reliable: Mating Life, EMI/EMC Shielding, Waterproof, Dustproof, Anti Vibration, Abrasion

Resistant, Bending Endurance, Drag Chain, Welding resistant, etc.;

● Transmission Performance: Bandwidth, Voltage and Current rating, Impedance and Measurement Accuracy, etc.