

## M12 A-Code 5Pin male to female, double ended, molded 1Px22AWG+ 1Px24AWG PVC CANBUS cable, 10m length

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**Part No.:** MC05C3LSAB22CV100-CAN  
**Contacts Poles:** 05 Pin  
**Cable Length:** 10 m  
**Connector Gender:** Male to female connector, c  
**Cable Jacket:** PVC  
**Voltage Rating:** 60V  
**EMC Shielding:** Half or partial shielded  
**Products Certification:** UL Certified, CUL Certi

### Product data

Contacts Poles:	05 Pin	Cable Length:	10 m
Connector Gender:	Male to female connector, double ended	Cable Jacket:	PVC
Current Rating:	4 A	Wire Gauge (size):	24AWG/ 0.25mm <sup>2</sup> , 22AWG/ 0.34mm <sup>2</sup>
Voltage Rating:	60V	Wire Insulation:	PVC
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:	Phosphor bronze, machined solid pin, Brass, machined solid pin	Cable Flamability:	VW-1
Contacts Plating:	3µ" Gold plating thickness	Cable Features:	UV-Resistant, Suitable for movable or drag chain cabling
Inserts:	TPU + GF, 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 HB	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
Products Certification:	UL Certified, CUL Certified, CE/ EMC, IP67, IP69K	Connector Type:	Cable molding type (extension cable)
Charateristic Impedance:	120Ω +/-12		

### Description

Cableforce M12 sensor cables are designed for industrial harsh and critical applications, CABLEFORCE provide with almost unlimited high-reliability circular sensor connectors and cables which are suited for various industrial applications of signals, data and power transmission. Cableforce's cable main features are:

- Tailor made material to meet various application conditions
- Gold-plated solid brass or phosphor bronze contacts ≥ 500 times mating life
- Durable cable material suitable for Drag Chain moving and bending demands
- Good stripping and terminating properties
- Sturdy metal coupling screws with anti-vibration design, 48 hours Salt Spray Test
- UV Resistant, Hydrolysis Resistant □ Oil resistant
- Temperature Range: Dynamic -25 ~ 80 □, Static: -40 ~ 80 □.

- Protection degree: IP67 in locked status, IP68 base on customer specific requirements.
- RoHS, REACH compliant.

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