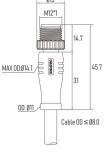


## M12 A-Code 8Pin male, molded 8x24AWG PVC cable, 2m length, end with ferrules

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!





Part No.: MC08C1LSAB24CK20-T Contacts Poles: 08 Pin Cable Length: 2 m Connector Gender: Male connector Cable Jacket: PVC Voltage Rating: 250V EMC Shielding: Un-shielded Products Certification: UL Certified, CUL Certif

## Product data

Connector Gender: Male connector Cable Jacket: PVC   Current Rating: 2 A Wire Gauge (size): 24AWG/ 0.25mm²   Voltage Rating: 250V Wire Insulation: PVC   Keyway Coding: A-Coding EMC Shielding: Un-shielded   Straight/ 90° Angled: 180° Straight Cable Color: Black   Contacts Termination: Soldering Temperature Rating: -40°C ~ + 80°C   Contacts Material: Brass, machined solid pin Cable Falamability: VW-1   Contacts Plating: 3µ° Gold plating thickness Cable Features: UV-Resistant, Anti-Vibration   Inserts: TPU + GF Sealing: O-Ring   Overmolding: TPU Locking Screws: Brass with nickel plated   Connector Flamability: UL94 V0 Waterproof 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				
Current Rating:2 AWire Gauge (size):24AWG/ 0.25mm²Current Rating:250VWire Insulation:PVCKeyway Coding:A-CodingEMC Shielding:Un-shieldedStraight/ 90° Angled:180° StraightCable Color:BlackContacts Termination:SolderingTemperature Rating:40°C ~ + 80°CContacts Material:Brass, machined solid pinCable Flamability:VW-1Contacts Plating:3μ° Gold plating thicknessCable Features:UV-Resistant, Anti-VibrationInserts:TPU + GFSealing:O-RingOvermolding:TPULocking Screws:Brass with nickel platedContact Resistance:\$5mΩInsulation Resistance:≥ 100 MΩProtection Degree:IP 67, IP 69KPollution Degree:IIIConnector Flamability:UL94 V0Waterproof Depth:IP67 1m depth 30 minutesPlug Mating Life:500 timesWarranty:2-years quality guarantee periodCompliance:RoHS compliantReference Standard:IEC 61076-2-101Products Certified, CUL Certified, CE/ EMC, IP67,Connector Tyme:Cable molding tyme (extension cable)	Contacts Poles:	08 Pin	Cable Length:	2 m
Voltage Rating:250VWire Insulation:PVCKeyway Coding:A-CodingEMC Shielding:Un-shieldedStraight/ 90° Angled:180° StraightCable Color:BlackContacts Termination:SolderingTemperature Rating:-40°C ~ + 80°CContacts Material:Brass, machined solid pinCable Flamability:VW-1Contacts Plating: $3\mu$ " Gold plating thicknessCable Features:UV-Resistant, Anti-VibrationInserts:TPU + GFSealing:O-RingOvermolding:TPULocking Screws:Brass with nickel platedContact Resistance: $\leq 5m\Omega$ Insulation Resistance: $\geq 100 M\Omega$ Protection Degree:IP 67, IP 69KPollution Degree:IIIConnector Flamability:UL94 V0Waterproof Depth:IP67 1m depth 30 minutesPlug Mating Life:500 timesWarranty:2-years quality guarantee periodCompliance:RoHS compliantReference Standard:IEC 61076-2-101Products Certified, CUL Certified, CE/ EMC, IP67,Connector Tupe:Cable molding tupe (extension cable)	Connector Gender:	Male connector	Cable Jacket:	PVC
Keyway Coding:A-CodingEMC Shielding:Un-shieldedStraight/ 90° Angled:180° StraightCable Color:BlackContacts Termination:SolderingTemperature Rating:-40°C ~ + 80°CContacts Material:Brass, machined solid pinCable Flamability:VW-1Contacts Plating:3µ" Gold plating thicknessCable Features:UV-Resistant, Anti-VibrationInserts:TPU + GFSealing:O-RingOvermolding:TPULocking Screws:Brass with nickel platedContact Resistance:≤5mΩInsulation Resistance:≥ 100 MΩProtection Degree:IP 67, IP 69KPollution Degree:IIIConnector Flamability:UL 94 V0Waterproof Depth:IP67 1m depth 30 minutesPlug Mating Life:500 timesWarranty:2-years quality guarantee periodCompliance:RoHS compliantReference Standard:IEC 61076-2-101Products Certification:UL Certified, CUL Certified, CE/ EMC, IP67, Connector Type:Cable molding type (extension cable)	Current Rating:	2 A	Wire Gauge (size):	24AWG/ 0.25mm <sup>2</sup>
Straight 90° Angled: 180° Straight Cable Color: Black   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, Anti-Vibration   Inserts: TPU + 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   Products Certified, CUL Certified, CE/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Voltage Rating:	250V	Wire Insulation:	PVC
Contacts Termination:SolderingTemperature Rating:-40°C ~ + 80°CContacts Material:Brass, machined solid pinCable Flamability:VW-1Contacts Plating:3µ" Gold plating thicknessCable Features:UV-Resistant, Anti-VibrationInserts:TPU + GFSealing:O-RingOvermolding:TPULocking Screws:Brass with nickel platedContact Resistance:≤5mΩInsulation Resistance:≥ 100 MΩProtection Degree:IP 67, IP 69KPollution Degree:IIIConnector Flamability:UL94 V0Waterproof Depth:IP67 1m depth 30 minutesPlug Mating Life:500 timesKeference Standard:IEC 61076-2-101Products Certification:UL Certified, CUL Certified, CE/ EMC, IP67,Connector Type:Cable molding type (extension cable)	Keyway Coding:	A-Coding	EMC Shielding:	Un-shielded
Contacts Material:Brass, machined solid pinCable Flamability:VW-1Contacts Plating:3μ" Gold plating thicknessCable Features:UV-Resistant, Anti-VibrationInserts:TPU + GFSealing:O-RingOvermolding:TPULocking Screws:Brass with nickel platedContact Resistance:≤5mΩInsulation Resistance:≥ 100 MΩProtection Degree:IP 67, IP 69KPollution Degree:IIIConnector Flamability:UL94 V0Waterproof Depth:IP67 1m depth 30 minutesPlug Mating Life:500 timesWarranty:2-years quality guarantee periodCompliance:RoHS compliantReference Standard:IEC 61076-2-101Products Certification:UL Certified, CUL Certified, CE/ EMC, IP67, Connector Type:Cable molding type (extension cable)	Straight/ 90° Angled:	180° Straight	Cable Color:	Black
Contacts Plating:3µ" Gold plating thicknessCable Features:UV-Resistant, Anti-VibrationInserts:TPU + GFSealing:O-RingOvermolding:TPUTPULocking Screws:Brass with nickel platedContact Resistance:≤5mΩInsulation Resistance:≥ 100 MΩProtection Degree:IP 67, IP 69KPollution Degree:IIIConnector Flamability:UL94 V0Waterproof Depth:IP67 1m depth 30 minutesPlug Mating Life:500 timesKaranty:2-years quality guarantee periodCompliance:UL Certified, CUL Certified, CE/ EMC, IP67, UL Certified, CUL Certified, CE/ EMC, IP67,Connector Turee:Cable molding tyree (extension cable)	Contacts Termination:	Soldering	Temperature Rating:	-40°C ~ + 80°C
Inserts: TPU + 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   Products Certification: UL Certified, CUL Certified, CE/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Contacts Material:	Brass, machined solid pin	Cable Flamability:	VW-1
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   Products Certification: UL Certified, CUL Certified, CE/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Contacts Plating:	3µ" Gold plating thickness	Cable Features:	UV-Resistant, Anti-Vibration
Contact Resistance: $\leq 5m\Omega$ Insulation Resistance: $\geq 100 M\Omega$ Protection Degree:IP 67, IP 69KPollution Degree:IIIConnector Flamability:UL 94 V0Waterproof Depth:IP67 1m depth 30 minutesPlug Mating Life:500 timesWarranty:2-years quality guarantee periodCompliance:RoHS compliantReference Standard:IEC 61076-2-101Products Certification:UL Certified, CL/ Certified, CE/ EMC, IP67, Connector Type:Cable molding type (extension cable)	Inserts:	TPU + GF	Sealing:	O-Ring
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   Products Certification: UL Certified, CUL Certified, CE/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Overmolding:	TPU	Locking Screws:	Brass with nickel plated
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   Products Certification: UL Certified, CE/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Contact Resistance:	≤5mΩ	Insulation Resistance:	≥ 100 MΩ
Plug Mating Life: 500 times Warranty: 2-years quality guarantee period   Compliance: RoHS compliant Reference Standard: IEC 61076-2-101   UL Certified, CUL Certified, CE/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Protection Degree:	IP 67, IP 69K	Pollution Degree:	Ш
Compliance: RoHS compliant Reference Standard: IEC 61076-2-101   UL Certified, CUL Certified, CE/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Connector Flamability:	UL94 V0	Waterproof Depth:	IP67 1m depth 30 minutes
Products Certification: UL Certified, CL/ EMC, IP67, Connector Type: Cable molding type (extension cable)	Plug Mating Life:	500 times	Warranty:	2-years quality guarantee period
Products ( entitication: ( anie molding type (extension capie)	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)

## 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.