

# Fieldbus, CC-Link M12 A-Code 4pos PVC



TE Model # CAT-IN287-SI113

TE Internal #: CAT-IN287-SI113

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Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies

CC-Link IP67 M12 A-code 4-pos, with bus system cable PVC, Red, Shielded, 3xAWG20+ 1x22AWG drain wire, free end cable assemblies.



M8/M12 Application Type: **Industrial Fieldbus**

Industrial Protocols: **CC-link**

Number of Positions: **4**

Keying: **A**

Cable Assembly Type: **M12 Pigtail**

## Features

### Product Type Features

LED	Without
Cable Type	PVC
Product Type	Cable Assembly
Assembly Type	Overmolded
Connector Type	Plug, Receptacle
Cable Assembly Type	M12 Pigtail
Shielded	Yes

### Configuration Features

Number of Positions	4
Keying	A
Configuration	Single Ended

### Electrical Characteristics

Operating Voltage (VAC)	250
Operating Voltage (VDC)	250

### Body Features

Connector Color	Black
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Cable Exit Angle	Right Angle, Straight
Environmental Protection	IP67
Conductor Material	Copper Alloy
Cable Jacket Color	Red

**Contact Features**

Contact Current Rating (A)	4
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**Housing Features**

Housing Material	PA66+25GF
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**Dimensions**

Overall Outside Cable Diameter (mm)	7.7
Wire Size (AWG)	20 - 22
Cable Assembly Length (mm)	500, 1000, 2000, 4000, 6000, 8000, 10000, 15000

**Operation/Application**

M8/M12 Application Type	Industrial Fieldbus
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**Industry Standards**

Industrial Protocols	CC-link
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**Packaging Features**

Packaging Method	Bag
Packaging Quantity	1, 2, 5

SEE PRODUCTS ON NEXT PAGE



Products (1 of 5)



M12A4-MS-PVC-0.5M



M12A4-MS-PVC-1.0M



M12A4-MS-PVC-10.0M



M12A4-MS-PVC-2.0M

TE Model / Part #	TAA541B1411-001	TAA541B1411-002	TAA541B1411-007	TAA541B1411-020
Connector Type	Plug	Plug	Plug	Plug
Cable Assembly Length	500 mm	1000 mm	10000 mm	2000 mm
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions

**\*EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

**\*\*EU ELV Directive 2000/53/EC**

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Products (2 of 5)



M12A4-MS-PVC-4.0M



M12A4-MS-PVC-6.0M



M12A4-MS-PVC-8.0M



M12A4-MS-PVC-15.0M

TE Model / Part #	TAA541B1411-040	TAA541B1411-060	TAA541B1411-080	TAA541B1411-150
Connector Type	Plug	Plug	Plug	Plug
Cable Assembly Length	4000 mm	6000 mm	8000 mm	15000 mm
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions

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Products (3 of 5)



M12A4-MR-PVC-0.5M



M12A4-MR-PVC-1.0M



M12A4-MR-PVC-10.0M



M12A4-MR-PVC-2.0M

TE Model / Part #	TAA542B1411-001	TAA542B1411-002	TAA542B1411-007	TAA542B1411-020
Connector Type	Plug	Plug	Plug	Plug
Cable Assembly Length	500 mm	1000 mm	10000 mm	2000 mm
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions

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Products (4 of 5)



**M12A4-MR-PVC-4.0M**



**M12A4-MR-PVC-6.0M**



**M12A4-MR-PVC-8.0M**



**M12A4-MR-PVC-15.0M**

TE Model / Part #	TAA542B1411-040	TAA542B1411-060	TAA542B1411-080	TAA542B1411-150
Connector Type	Plug	Plug	Plug	Plug
Cable Assembly Length	4000 mm	6000 mm	8000 mm	15000 mm
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
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Products (5 of 5)



M12A4-FS-PVC-0.5M



M12A4-FS-PVC-1.0M



M12A4-FS-PVC-10.0M



M12A4-FS-PVC-2.0M

TE Model / Part #	TAA543B1411-001	TAA543B1411-002	TAA543B1411-007	TAA543B1411-020
Connector Type	Receptacle	Receptacle	Receptacle	Receptacle
Cable Assembly Length	500 mm	1000 mm	10000 mm	2000 mm
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
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## Related Materials

### Specification Or Standard

[M12 screw connection application specification](#)

English

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### Specification Or Standard

[Industrial M8 & M12 Series Circular connector](#)

English