



Industrial Fieldbus Connectors & Cables

www.finecables.com

2024 Edition





About Finecables

Finecables, established in 2003, is committed to being the world's leading manufacturer in industrial connectivity. At Finecables, we combine a strong customer focus along with a wealth of practical industry experience in order to provide our clients all around the world with reliable and innovative connectivity products as well as excellent customer service. Additionally, we continue to extend our self-owned brand @ Finecables® in various applications by developing customized products, which cover not only PUSH PULL connectors & industrial connectors, but also electronic interconnection and data networking. Our production capacity is already more than 50 million PCS yearly.

Corporate Culture

Finecables' corporate culture consists of passion, dedication and commitment. We are greatly enthusiastic about what we do and helping our customers realize their dreams and ambitions. We are committed to industrial connectivity and place great emphasis on building long-term partnerships and mutually beneficial relationships with both customers and suppliers. Very simply, we are your ideal business partner!

Products Series

Through continuous innovation and cutting edge research and development, we continue to expand our product portfolio vastly beyond wire harnesses and industrial connectors. Our current portfolio includes:

- Circular Connectors for industrial applications:(M5/M8/M9/M10/M12/M16/M20/7/8"/M23/RD24)
- Solenoid Valve Connectors for Pneumatic, hydraulic and electro-magnetic applications (Size A/B/C)
- Industrial I/O Connectors for data transmission network (USB/RJ45/Mini-Din/D-SUB/UHF)
- ISO-BUS Connectors and Junction Boxes for field-BUS networkcontrol (4/6/8-port M5/M8/M12 connectors with 7/8"/M23 connectors)
- Push-Pull Connectors for Medical/Measuring & Testing/Military and Security applications: Series B/K/T/S/250/E/L/Q/R/P
- NMEA 2000 cable connectors for marine & vessels
- Temperature Sensor Probe and Wire/Cable Harness
- Customized Solutions



R & D

With years of experience and technological acquisition and accumulation in industrial connectivity, the R&D team at Finecables utilizes powerful tooling ability and productivity to continue to raise the bar for industry standards. Our unique competitive advantage allows us to research and develop innovative total solutions and fully realize our customer's specific requirements and requests. So far, Finecables has developed over 20,000 kinds of connectors totally.

Quality

Quality to finecables is what health is to human beings; the core competence of products shall base on its superior performance and reliable quality. Our commitments on "high quality" come from our team's comprehensive understanding in quality. We have designed strict audit and quality control process to assure ourselves and our suppliers are offering the best practice. ISO9001, ISO14001, ISO45001, ISO13485, ESD20.20 Certificate and NMEA, CE, UKCA, UL represent our quality value.

Finecables fulfills the core value of "Promptness, Excellence, Awareness, and Gratitude", by insisting our long-term partnership and win-win cooperation with both customers and suppliers.



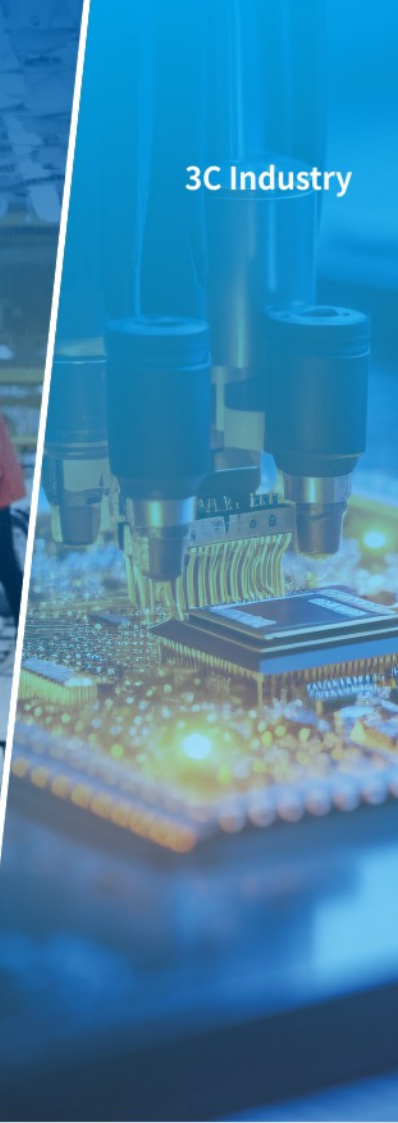
Automobile Industry



Appliance industry



3C Industry



Equipment Manufacturing



PV Industry



Logistics Industry



Power Industry



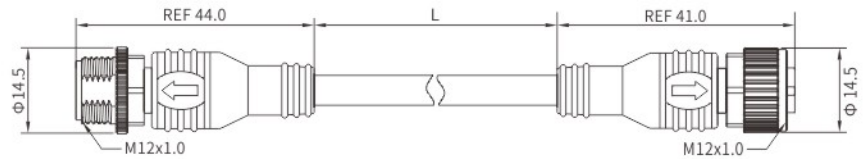
Food industry



M12 A-coding (Sensor and Actuator)



M12 A-coding Connector, Molded Cable, Male Straight+Female Straight



Specifications

Contacts	3	4	5	8
Certification	CYJV(CYJV7).E321413			
Pin layout(Male)				
Pin layout(Female)				
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)			
Connector insert	TPU			
Connector contacts	Brass with gold plated			
Connector overmold	TPU			
Coupling nut/screw	Zinc alloy with nickel plated			
Seal/O-ring(of Female)	FKM			
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Shielding	Unavailable			
IP rating	IP67, IP68 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A			2A
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC
Wire gauge	0.34mm ² (AWG22)			0.25mm ² (AWG24)

Part Number

Customized cable ending and length

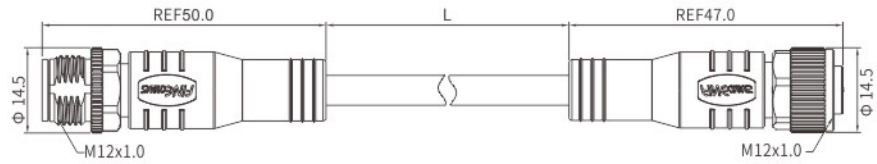
Pins	Cable length	PVC	PUR
3	2m	MA12MAHD03ST-MA12FAHD03ST-20CB34	MA12MAHD03ST-MA12FAHD03ST-20RB34
	5m	MA12MAHD03ST-MA12FAHD03ST-50CB34	MA12MAHD03ST-MA12FAHD03ST-50RB34
	7m	MA12MAHD03ST-MA12FAHD03ST-70CB34	MA12MAHD03ST-MA12FAHD03ST-70RB34
4	2m	MA12MAHD04ST-MA12FAHD04ST-20CB34	MA12MAHD04ST-MA12FAHD04ST-20RB34
	5m	MA12MAHD04ST-MA12FAHD04ST-50CB34	MA12MAHD04ST-MA12FAHD04ST-50RB34
	7m	MA12MAHD04ST-MA12FAHD04ST-70CB34	MA12MAHD04ST-MA12FAHD04ST-70RB34
5	2m	MA12MAHD05ST-MA12FAHD05ST-20CB34	MA12MAHD05ST-MA12FAHD05ST-20RB34
	5m	MA12MAHD05ST-MA12FAHD05ST-50CB34	MA12MAHD05ST-MA12FAHD05ST-50RB34
	7m	MA12MAHD05ST-MA12FAHD05ST-70CB34	MA12MAHD05ST-MA12FAHD05ST-70RB34
8	2m	MA12MAHD08ST-MA12FAHD08ST-20CB25	MA12MAHD08ST-MA12FAHD08ST-20RB25
	5m	MA12MAHD08ST-MA12FAHD08ST-50CB25	MA12MAHD08ST-MA12FAHD08ST-50RB25
	7m	MA12MAHD08ST-MA12FAHD08ST-70CB25	MA12MAHD08ST-MA12FAHD08ST-70RB25

Default wire colors

Pin No.				
Pin 1	BN	BN	BN	WH
Pin 2		WH	WH	BN
Pin 3	BU	BU	BU	GN
Pin 4	BK	BK	BK	YE
Pin 5			GY	GY
Pin 6				PK
Pin 7				BU
Pin 8				RD

M12 A-coding (Sensor and Actuator)

M12 A-coding Connector, Molded Cable, Male Straight+Female Straight Shielded



Specifications

Contacts	3	4	5	8
Certification	CYJV(CYJV7).E321413			
Pin layout(Male)				
Pin layout(Female)				
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)			
Connector insert	TPU			
Connector contacts	Brass with gold plated			
Connector overmold	TPU			
Coupling nut/screw	Zinc alloy with nickel plated			
Seal/O-ring(of Female)	FKM			
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Shielding	Available			
IP rating	IP67, IP68 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A			2A
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC
Wire gauge	0.34mm ² (AWG22)			0.25mm ² (AWG24)

Part Number

Customized cable ending and length

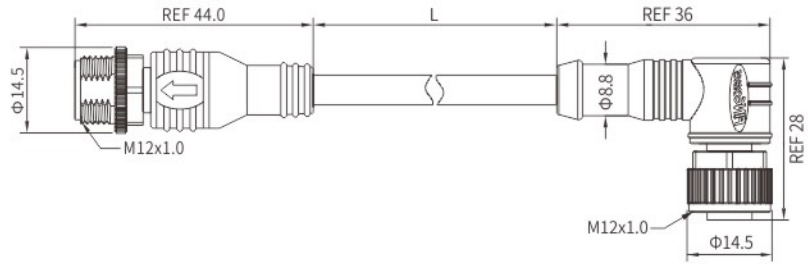
Pins	Cable length	PVC	PUR
3	2m	MA12MSAHD03ST-MA12FSAHD03ST-20CB34	MA12MSAHD03ST-MA12FSAHD03ST-20RB34
	5m	MA12MSAHD03ST-MA12FSAHD03ST-50CB34	MA12MSAHD03ST-MA12FSAHD03ST-50RB34
	7m	MA12MSAHD03ST-MA12FSAHD03ST-70CB34	MA12MSAHD03ST-MA12FSAHD03ST-70RB34
4	2m	MA12MSAHD04ST-MA12FSAHD04ST-20CB34	MA12MSAHD04ST-MA12FSAHD04ST-20RB34
	5m	MA12MSAHD04ST-MA12FSAHD04ST-50CB34	MA12MSAHD04ST-MA12FSAHD04ST-50RB34
	7m	MA12MSAHD04ST-MA12FSAHD04ST-70CB34	MA12MSAHD04ST-MA12FSAHD04ST-70RB34
5	2m	MA12MSAHD05ST-MA12FSAHD05ST-20CB34	MA12MSAHD05ST-MA12FSAHD05ST-20RB34
	5m	MA12MSAHD05ST-MA12FSAHD05ST-50CB34	MA12MSAHD05ST-MA12FSAHD05ST-50RB34
	7m	MA12MSAHD05ST-MA12FSAHD05ST-70CB34	MA12MSAHD05ST-MA12FSAHD05ST-70RB34
8	2m	MA12MSAHD08ST-MA12FSAHD08ST-20CB25	MA12MSAHD08ST-MA12FSAHD08ST-20RB25
	5m	MA12MSAHD08ST-MA12FSAHD08ST-50CB25	MA12MSAHD08ST-MA12FSAHD08ST-50RB25
	7m	MA12MSAHD08ST-MA12FSAHD08ST-70CB25	MA12MSAHD08ST-MA12FSAHD08ST-70RB25

Default wire colors

Pin No.				
Pin 1	BN	BN	BN	WH
Pin 2		WH	WH	BN
Pin 3	BU	BU	BU	GN
Pin 4	BK	BK	BK	YE
Pin 5			GY	GY
Pin 6				PK
Pin 7				BU
Pin 8				RD
Shell	Braid			

M12 A-coding (Sensor and Actuator)

M12 A-coding Connector, Molded Cable, Male Straight+Female Angled



Specifications

Contacts	3	4	5	8
Certification	CYJV(CYJV7).E321413			
Pin layout(Male)				
Pin layout(Female)				
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)			
Connector insert	TPU			
Connector contacts	Brass with gold plated			
Connector overmold	TPU			
Coupling nut/screw	Zinc alloy with nickel plated			
Seal/O-ring(of Female)	FKM			
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Shielding	Unavailable			
IP rating	IP67, IP68 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A			2A
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC
Wire gauge	0.34mm ² (AWG22)			0.25mm ² (AWG24)

Part Number

Customized cable ending and length

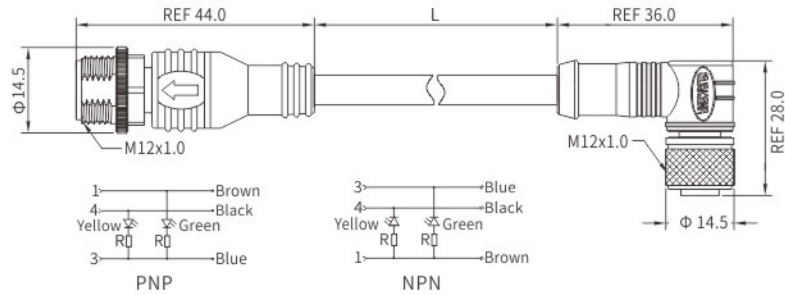
Pins	Cable length	PVC	PUR
3	2m	MA12MAHD03ST-MA12FAHD03RA-20CB34	MA12MAHD03ST-MA12FAHD03RA-20RB34
	5m	MA12MAHD03ST-MA12FAHD03RA-50CB34	MA12MAHD03ST-MA12FAHD03RA-50RB34
	7m	MA12MAHD03ST-MA12FAHD03RA-70CB34	MA12MAHD03ST-MA12FAHD03RA-70RB34
4	2m	MA12MAHD04ST-MA12FAHD04RA-20CB34	MA12MAHD04ST-MA12FAHD04RA-20RB34
	5m	MA12MAHD04ST-MA12FAHD04RA-50CB34	MA12MAHD04ST-MA12FAHD04RA-50RB34
	7m	MA12MAHD04ST-MA12FAHD04RA-70CB34	MA12MAHD04ST-MA12FAHD04RA-70RB34
5	2m	MA12MAHD05ST-MA12FAHD05RA-20CB34	MA12MAHD05ST-MA12FAHD05RA-20RB34
	5m	MA12MAHD05ST-MA12FAHD05RA-50CB34	MA12MAHD05ST-MA12FAHD05RA-50RB34
	7m	MA12MAHD05ST-MA12FAHD05RA-70CB34	MA12MAHD05ST-MA12FAHD05RA-70RB34
8	2m	MA12MAHD08ST-MA12FAHD08RA-20CB25	MA12MAHD08ST-MA12FAHD08RA-20RB25
	5m	MA12MAHD08ST-MA12FAHD08RA-50CB25	MA12MAHD08ST-MA12FAHD08RA-50RB25
	7m	MA12MAHD08ST-MA12FAHD08RA-70CB25	MA12MAHD08ST-MA12FAHD08RA-70RB25

Default wire colors

Pin No.				
Pin 1	BN	BN	BN	WH
Pin 2		WH	WH	BN
Pin 3	BU	BU	BU	GN
Pin 4	BK	BK	BK	YE
Pin 5			GY	GY
Pin 6				PK
Pin 7				BU
Pin 8				RD

M12 A-coding (Sensor and Actuator)

M12 A-coding Connector, Molded Cable, Male Straight+Female Angled (with LED indicator)



Specifications

Contacts	3	4	5
Pin layout(Male)			
Pin layout(Female)			
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)		
Connector insert	TPU		
Connector contacts	Brass with gold plated		
Connector overmold	TPU		
Coupling nut/screw	Zinc alloy with nickel plated		
Seal/O-ring(of Female)	FKM		
Insulation resistance	$\geq 100M\Omega$		
Contact resistance	$\leq 5m\Omega$		
Shielding	Unavailable		
IP rating	IP67, IP68 in locked condition		
Mating endurance	>500 cycles		
Rated current	4 A		
Rated voltage	250V AC/DC		
Wire gauge	0.34mm ² (AWG22)		

Part Number

Customized cable ending and length

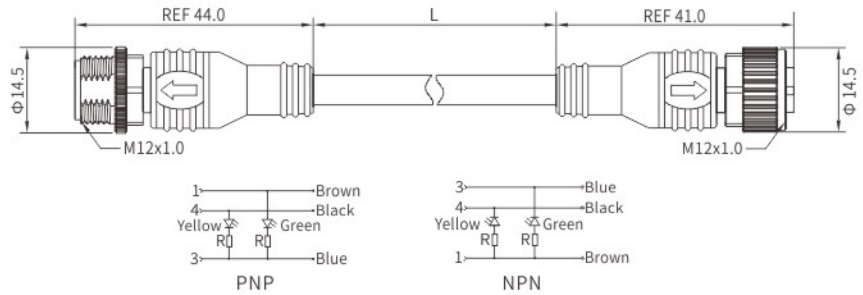
Pins	Cable length	PNP		NPN	
		PVC	PUR	PVC	PUR
3	2m	MA12MAHD03ST-MA12LPF03RA-20CB34	MA12MAHD03ST-MA12LPF03RA-20RB34	MA12MAHD03ST-MA12LNF03RA-20CB34	MA12MAHD03ST-MA12LNF03RA-20RB34
	5m	MA12MAHD03ST-MA12LPF03RA-50CB34	MA12MAHD03ST-MA12LPF03RA-50RB34	MA12MAHD03ST-MA12LNF03RA-50CB34	MA12MAHD03ST-MA12LNF03RA-50RB34
	7m	MA12MAHD03ST-MA12LPF03RA-70CB34	MA12MAHD03ST-MA12LPF03RA-70RB34	MA12MAHD03ST-MA12LNF03RA-70CB34	MA12MAHD03ST-MA12LNF03RA-70RB34
4	2m	MA12MAHD04ST-MA12LPF04RA-20CB34	MA12MAHD04ST-MA12LPF04RA-20RB34	MA12MAHD04ST-MA12LNF04RA-20CB34	MA12MAHD04ST-MA12LNF04RA-20RB34
	5m	MA12MAHD04ST-MA12LPF04RA-50CB34	MA12MAHD04ST-MA12LPF04RA-50RB34	MA12MAHD04ST-MA12LNF04RA-50CB34	MA12MAHD04ST-MA12LNF04RA-50RB34
	7m	MA12MAHD04ST-MA12LPF04RA-70CB34	MA12MAHD04ST-MA12LPF04RA-70RB34	MA12MAHD04ST-MA12LNF04RA-70CB34	MA12MAHD04ST-MA12LNF04RA-70RB34
5	2m	MA12MAHD05ST-MA12LPF05RA-20CB34	MA12MAHD05ST-MA12LPF05RA-20RB34	MA12MAHD05ST-MA12LNF05RA-20CB34	MA12MAHD05ST-MA12LNF05RA-20RB34
	5m	MA12MAHD05ST-MA12LPF05RA-50CB34	MA12MAHD05ST-MA12LPF05RA-50RB34	MA12MAHD05ST-MA12LNF05RA-50CB34	MA12MAHD05ST-MA12LNF05RA-50RB34
	7m	MA12MAHD05ST-MA12LPF05RA-70CB34	MA12MAHD05ST-MA12LPF05RA-70RB34	MA12MAHD05ST-MA12LNF05RA-70CB34	MA12MAHD05ST-MA12LNF05RA-70RB34

Default wire colors

Pin No.			
Pin 1	BN	BN	BN
Pin 2		WH	WH
Pin 3	BU	BU	BU
Pin 4	BK	BK	BK
Pin 5			GY

M12 A-coding (Sensor and Actuator)

M12 A-coding Connector, Molded Cable, Male Straight+Female Straight



Specifications

Contacts	3	4	5
Pin layout(Male)			
Pin layout(Female)			
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)		
Connector insert	TPU		
Connector contacts	Brass with gold plated		
Connector overmold	TPU		
Coupling nut/screw	Zinc alloy with nickel plated		
Seal/O-ring(of Female)	FKM		
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Shielding	Unavailable		
IP rating	IP67, IP68 in locked condition		
Mating endurance	>500 cycles		
Rated current	4 A		
Rated voltage	250V AC/DC		
Wire gauge	0.34mm ² (AWG22)		

Part Number

Customized cable ending and length

Pins	Cable length	PNP		NPN	
		PVC	PUR	PVC	PUR
3	2m	MA12MAHD03ST-MA12LPHD03RA-20CB34	MA12MAHD03ST-MA12LPHD03RA-20RB34	MA12MAHD03ST-MA12LNHD03RA-20CB34	MA12MAHD03ST-MA12LNHD03RA-20RB34
	5m	MA12MAHD03ST-MA12LPHD03RA-50CB34	MA12MAHD03ST-MA12LPHD03RA-50RB34	MA12MAHD03ST-MA12LNHD03RA-50CB34	MA12MAHD03ST-MA12LNHD03RA-50RB34
	7m	MA12MAHD03ST-MA12LPHD03RA-70CB34	MA12MAHD03ST-MA12LPHD03RA-70RB34	MA12MAHD03ST-MA12LNHD03RA-70CB34	MA12MAHD03ST-MA12LNHD03RA-70RB34
4	2m	MA12MAHD04ST-MA12LPHD04RA-20CB34	MA12MAHD04ST-MA12LPHD04RA-20RB34	MA12MAHD04ST-MA12LNHD04RA-20CB34	MA12MAHD04ST-MA12LNHD04RA-20RB34
	5m	MA12MAHD04ST-MA12LPHD04RA-50CB34	MA12MAHD04ST-MA12LPHD04RA-50RB34	MA12MAHD04ST-MA12LNHD04RA-50CB34	MA12MAHD04ST-MA12LNHD04RA-50RB34
	7m	MA12MAHD04ST-MA12LPHD04RA-70CB34	MA12MAHD04ST-MA12LPHD04RA-70RB34	MA12MAHD04ST-MA12LNHD04RA-70CB34	MA12MAHD04ST-MA12LNHD04RA-70RB34
5	2m	MA12MAHD05ST-MA12LPHD05RA-20CB34	MA12MAHD05ST-MA12LPHD05RA-20RB34	MA12MAHD05ST-MA12LNHD05RA-20CB34	MA12MAHD05ST-MA12LNHD05RA-20RB34
	5m	MA12MAHD05ST-MA12LPHD05RA-50CB34	MA12MAHD05ST-MA12LPHD05RA-50RB34	MA12MAHD05ST-MA12LNHD05RA-50CB34	MA12MAHD05ST-MA12LNHD05RA-50RB34
	7m	MA12MAHD05ST-MA12LPHD05RA-70CB34	MA12MAHD05ST-MA12LPHD05RA-70RB34	MA12MAHD05ST-MA12LNHD05RA-70CB34	MA12MAHD05ST-MA12LNHD05RA-70RB34

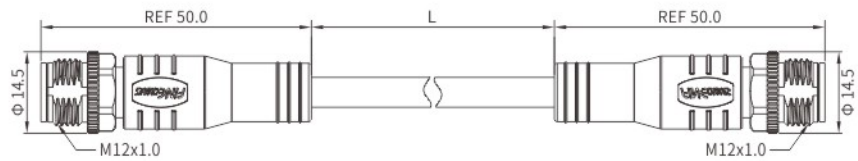
Default wire colors

Pin No.			
Pin 1	BN	BN	BN
Pin 2		WH	WH
Pin 3	BU	BU	BU
Pin 4	BK	BK	BK
Pin 5			GY

M12 D-coding (Ethernet)



M12 D-coding Connector, Molded Cable, Male Straight+Female Straight, Shielded



Specifications

Contacts	4
Certification	CYJV(CYJV7).E321413
Pin layout(Male)	
Ambient temperature	-20°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Transmission characteristic	CAT5e
Mating endurance	>500 cycles
Rated current	4 A
Rated voltage	250V AC/DC
Wire gauge	0.34 mm ² (AWG 22)

Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
4	2m	MA12MSDHD04ST-MA12MSDHD04ST-20CB34	MA12MSDHD04ST-MA12MSDHD04ST-20RB34
	5m	MA12MSDHD04ST-MA12MSDHD04ST-50CB34	MA12MSDHD04ST-MA12MSDHD04ST-50RB34
	7m	MA12MSDHD04ST-MA12MSDHD04ST-70CB34	MA12MSDHD04ST-MA12MSDHD04ST-70RB34

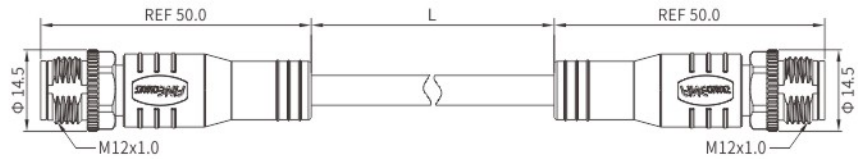
Default wire colors

Pin No.		
Pin 1	BN	
Pin 2	WH	
Pin 3	BU	
Pin 4	BK	
Shell	Braid	

M12 D-coding (Profinet)



M12 D-coding Connector, Molded Cable, Male Straight+Female Straight, Shielded



Specifications

Contacts	4
Certification	CYJV(CYJV7).E321413
Pin layout(Male)	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Transmission characteristic	CAT5e
Mating endurance	>500 cycles
Rated current	4 A
Rated voltage	250V AC/DC
Wire gauge	0.34 mm ² (AWG 22)

Part Number

Customized cable ending and length

Pins	Cable length	PUR
4	2m	MA12MSDHD04ST-MA12MSDHD04ST-20RE34
	5m	MA12MSDHD04ST-MA12MSDHD04ST-50RE34
	7m	MA12MSDHD04ST-MA12MSDHD04ST-70RE34

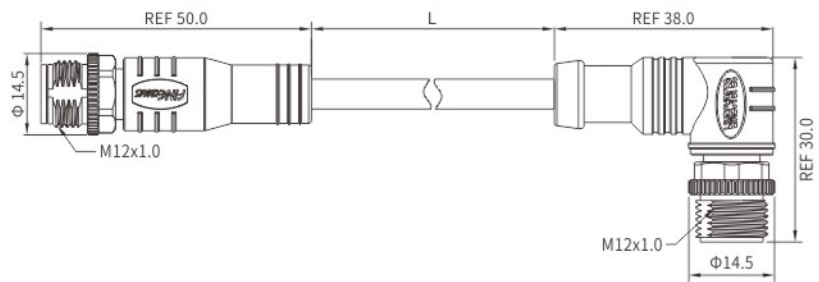
Default wire colors

Pin No.	
Pin 1	YE
Pin 2	OR
Pin 3	WH
Pin 4	BU
Shell	Braid

M12 D-coding (Ethernet)



M12 D-coding Connector, Molded Cable, Male Straight+Male Angled, Shielded



Specifications

Contacts	4
Certification	CYJV(CYJV7).E321413
Pin layout(Male)	
Ambient temperature	-20°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Transmission characteristic	CAT5e
Mating endurance	>500 cycles
Rated current	4 A
Rated voltage	250V AC/DC
Wire gauge	0.34 mm ² (AWG 22)

Part Number

Customized cable ending and length

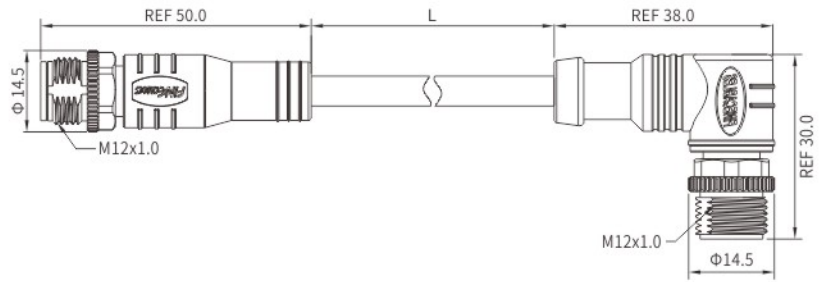
Pins	Cable length	PVC	PUR
4	2m	MA12MSDHD04ST-MA12MSDHD04RA-20CB34	MA12MSDHD04ST-MA12MSDHD04RA-20RB34
	5m	MA12MSDHD04ST-MA12MSDHD04RA-50CB34	MA12MSDHD04ST-MA12MSDHD04RA-50RB34
	7m	MA12MSDHD04ST-MA12MSDHD04RA-70CB34	MA12MSDHD04ST-MA12MSDHD04RA-70RB34

Default wire colors

Pin No.	
Pin 1	BN
Pin 2	WH
Pin 3	BU
Pin 4	BK
Shell	Braid

M12 D-coding (Profinet)

M12 D-coding Connector, Molded Cable, Male Straight+Male Angled, Shielded



Specifications

Contacts	4
Certification	CYJV(CYJV7).E321413
Pin layout(Male)	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Transmission characteristic	CAT5e
Mating endurance	>500 cycles
Rated current	4 A
Rated voltage	250V AC/DC
Wire gauge	0.34 mm ² (AWG 22)

Part Number

Customized cable ending and length

Pins	Cable length	PUR
4	2m	MA12MSDHD04ST-MA12MSDHD04RA-20RE34
	5m	MA12MSDHD04ST-MA12MSDHD04RA-50RE34
	7m	MA12MSDHD04ST-MA12MSDHD04RA-70RE34

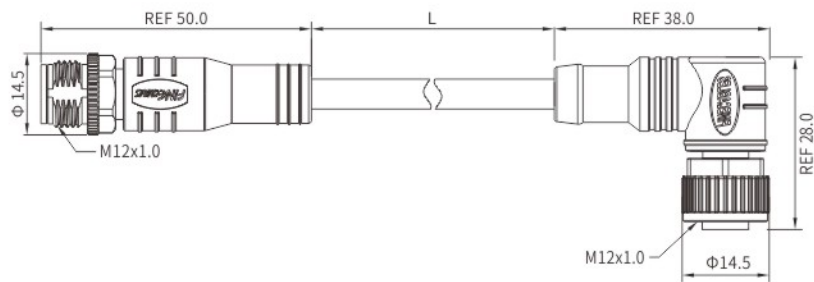
Default wire colors

Pin No.		
Pin 1	YE	
Pin 2	OR	
Pin 3	WH	
Pin 4	BU	
Shell	Braid	

M12 D-coding (Ethernet)



M12 D-coding Connector, Molded Cable, Male Straight+Female Angled, Shielded



■ Specifications

Contacts	4
Certification	CYJV(CYJV7).E321413
Pin layout(Male)	
Pin layout(Female)	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Transmission characteristic	CAT5e
Mating endurance	>500 cycles
Rated current	4 A
Rated voltage	250V AC/DC
Wire gauge	0.34 mm ² (AWG 22)

■ Part Number

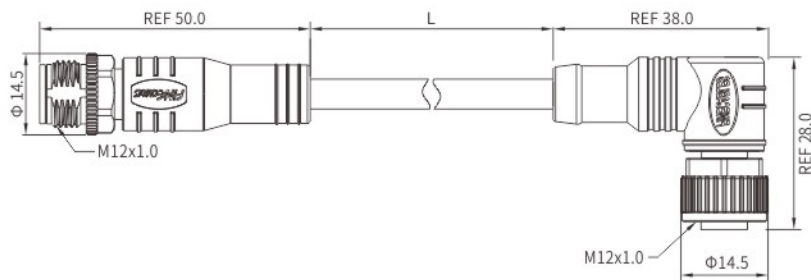
Pins	Cable length	PVC	PUR
4	2m	MA12MSDHD04ST-MA12FSDHD04RA-20CB34	MA12MSDHD04ST-MA12FSDHD04RA-20RB34
	5m	MA12MSDHD04ST-MA12FSDHD04RA-50CB34	MA12MSDHD04ST-MA12FSDHD04RA-50RB34
	7m	MA12MSDHD04ST-MA12FSDHD04RA-70CB34	MA12MSDHD04ST-MA12FSDHD04RA-70RB34

■ Default wire colors

Pin No.	
Pin 1	BN
Pin 2	WH
Pin 3	BU
Pin 4	BK
Shell	Braid

M12 D-coding (Profinet)

M12 D-coding Connector, Molded Cable, Male Straight+Female Angled, Shielded



Specifications

Contacts	4
Certification	CYJV(CYJV7).E321413
Pin layout(Male)	
Pin layout(Female)	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Transmission characteristic	CAT5e
Mating endurance	>500 cycles
Rated current	4 A
Rated voltage	250V AC/DC
Wire gauge	0.34 mm ² (AWG 22)

Part Number

Pins	Cable length	PUR
4	2m	MA12MSDHD04ST-MA12FSDHD04RA-20RE34
	5m	MA12MSDHD04ST-MA12FSDHD04RA-50RE34
	7m	MA12MSDHD04ST-MA12FSDHD04RA-70RE34

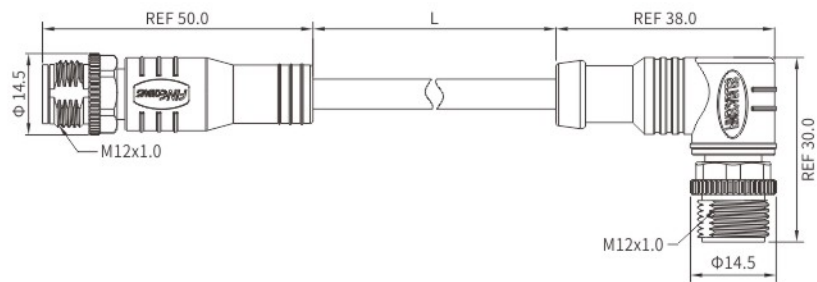
Default wire colors

Pin No.		
Pin 1	YE	
Pin 2	OR	
Pin 3	WH	
Pin 4	BU	
Shell	Braid	

M12 X-coding (Ethernet)



M12 X-coding Connector, Molded Cable, Male Straight+Male Angled, Shielded



Specifications

Contacts	8
Pin layout(Male)	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤10mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Mating endurance	>500 cycles
Rated current	0.5 A
Rated voltage	50V AC/ 60V DC
Wire gauge	0.14-0.25 mm ² (AWG 26~24)

Part Number

Pins	Cable length	PVC	PUR
8	2m	MA12MSXHD08ST-MA12MSXHD08RA-20CL14	MA12MSXHD08ST-MA12MSXHD08RA-20RL14
	5m	MA12MSXHD08ST-MA12MSXHD08RA-50CL14	MA12MSXHD08ST-MA12MSXHD08RA-50RL14
	7m	MA12MSXHD08ST-MA12MSXHD08RA-70CL14	MA12MSXHD08ST-MA12MSXHD08RA-70RL14

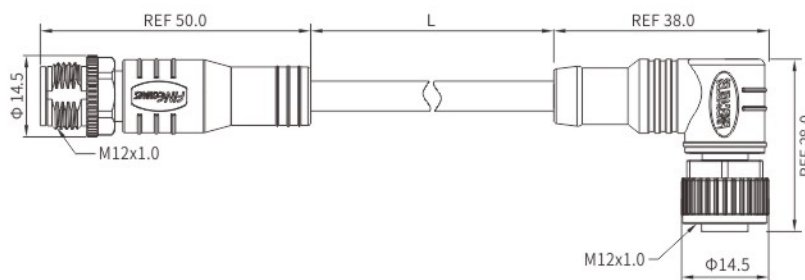
Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid

M12 X-coding (Ethernet)



M12 X-coding Connector, Molded Cable, Male Straight+Female Angled, Shielded



Specifications

Contacts	8
Pin layout(Male)	
Pin layout(Female)	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Insulation resistance	≥100MΩ
Contact resistance	≤10mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Mating endurance	>500 cycles
Rated current	0.5 A
Rated voltage	50V AC/ 60V DC
Wire gauge	0.14~0.25 mm ² (AWG 26~24)

Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
8	2m	MA12MSXHD08ST-MA12FSXHD08RA-20CL14	MA12MSXHD08ST-MA12FSXHD08RA-20RL14
	5m	MA12MSXHD08ST-MA12FSXHD08RA-50CL14	MA12MSXHD08ST-MA12FSXHD08RA-50RL14
	7m	MA12MSXHD08ST-MA12FSXHD08RA-70CL14	MA12MSXHD08ST-MA12FSXHD08RA-70RL14

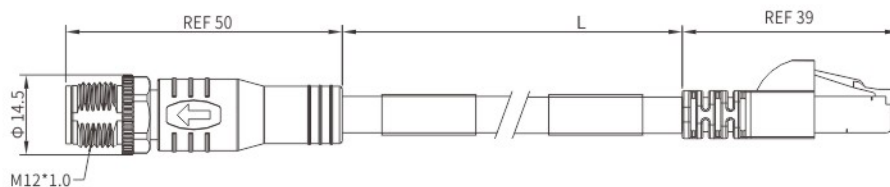
Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid

M12 D-coding + RJ45 (Ethernet)



M12 D-coding Male Straight+RJ45 Male Straight Connector, Molded Cable, Shielded



Specifications

Contacts	4	8P8C
Certification	UL LISTED CYJV(CYJV7).E321413	
Pin layout		
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)	
Connector insert	TPU	
Connector contacts	Brass with gold plated	
Connector overmold	TPU	
Coupling nut/screw	Zinc alloy with nickel plated	
Insulation resistance	≥100MΩ	
Contact resistance	≤30mΩ	
Shielding	Available	
IP rating	IP67,IP68 In locked condition(For M12 end)	
Transmission characteristic	CAT5e	
Mating endurance	>500 cycles(For M12 end)	
Rated current	4 A	
Rated voltage	250V AC/DC	
Wire gauge	0.34 mm ² (AWG 22)	

Part Number

Customized cable ending and length

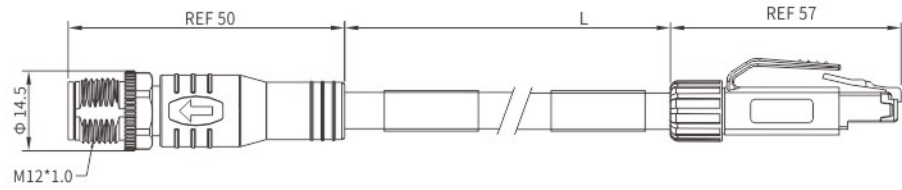
Pins	Cable length	PVC	PUR
4	2m	MA12MSDHD04ST-RJ45 8P8C plug-20	MA12MSDHD04ST-RJ45 8P8C plug-20
	5m	MA12MSDHD04ST-RJ45 8P8C plug-50	MA12MSDHD04ST-RJ45 8P8C plug-50
	7m	MA12MSDHD04ST-RJ45 8P8C plug-70	MA12MSDHD04ST-RJ45 8P8C plug-70

Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	WH/GN
Pin 3	OR
Pin 4	GN
Shell	Braid

M12 D-coding + RJ45 (Profinet)

M12 D-coding Molded Male Straight+RJ45 Assembly Male Straight Connector, Shielded



Specifications

Contacts	4	8P4C
Certification	CYJV(CYJV7).E321413	
Pin layout		
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)	
Connector insert	TPU	
Connector contacts	Brass with gold plated	
Connector overmold	TPU	
Coupling nut/screw	Zinc alloy with nickel plated	
Insulation resistance	$\geq 100M\Omega$	
Contact resistance	$\leq 30m\Omega$	
Shielding	Available	
IP rating	IP67,IP68 In locked condition(For M12 end)	
Mating endurance	>500 cycles(For M12 end)	
Rated current	4 A	
Rated voltage	250V AC/DC	
Wire gauge	0.34 mm ² (AWG 22)	

Part Number

Customized cable ending and length

Pins	Cable length	PUR
4	2m	MA12MSDHD04ST-RJ45 8P8C plug-20
	5m	MA12MSDHD04ST-RJ45 8P8C plug-50
	7m	MA12MSDHD04ST-RJ45 8P8C plug-70

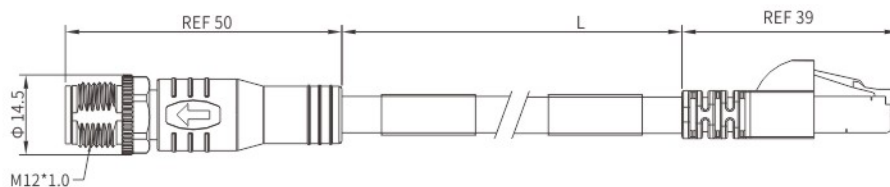
Default wire colors

Pin No.	Color
Pin 1	YE
Pin 2	OR
Pin 3	WH
Pin 6	BU

M12 X-coding - RJ45 (Ethernet)



M12 X-coding Male Straight+RJ45 Male Straight Connector, Molded Cable, Shielded



Specifications

Contacts	8	8P8C
Pin layout		
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)	
Connector insert	TPU	
Connector contacts	Brass with gold plated	
Connector overmold	TPU	
Coupling nut/screw	Zinc alloy with nickel plated	
Insulation resistance	≥100MΩ	
Contact resistance	≤30mΩ	
Shielding	Available	
IP rating	IP67,IP68 In locked condition(For M12 end)	
Mating endurance	>500 cycles(For M12 end)	
Rated current	0.5 A	
Rated voltage	50V AC/60V DC	
Wire gauge	0.14-0.25 mm ² (AWG 26~24)	

Part Number

Customized cable ending and length

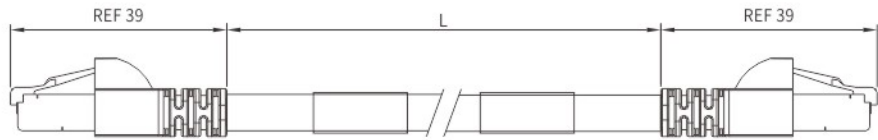
Pins	Cable length	PVC	PUR
8	2m	MA12MSXHD08ST-RJ45 8P8C plug-20	MA12MSXHD08ST-RJ45 8P8C plug-20
	5m	MA12MSXHD08ST-RJ45 8P8C plug-50	MA12MSXHD08ST-RJ45 8P8C plug-50
	7m	MA12MSXHD08ST-RJ45 8P8C plug-70	MA12MSXHD08ST-RJ45 8P8C plug-70

Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid

RJ45 (Ethernet)

RJ45 - RJ45, Straight Molded Cable, Shielded



■ Specifications

Contacts	8P8C
Pin layout	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Insulation resistance	≥100MΩ
Contact resistance	≤30mΩ
Shielding	Available
Rated current	1.5 A
Rated voltage	125V AC/DC
Wire gauge	0.25 mm ² (AWG 24)

■ Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
8	2m	RJ45 8P8C plug-RJ45 8P8C plug-20CL25	RJ45 8P8C plug-RJ45 8P8C plug-20RL25
	5m	RJ45 8P8C plug-RJ45 8P8C plug-50CL25	RJ45 8P8C plug-RJ45 8P8C plug-50RL25
	7m	RJ45 8P8C plug-RJ45 8P8C plug-70CL25	RJ45 8P8C plug-RJ45 8P8C plug-70RL25

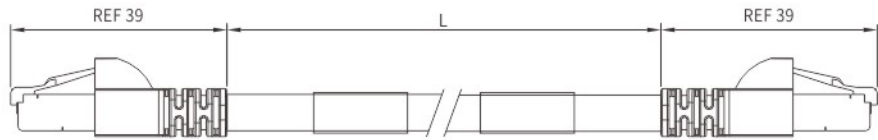
■ Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid

RJ45 (Ethernet)



RJ45 - RJ45, Straight Molded Cable, Shielded



Specifications

Contacts	8P8C
Pin layout	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Insulation resistance	≥100MΩ
Contact resistance	≤30mΩ
Shielding	Available
Rated current	1.5 A
Rated voltage	125V AC/DC
Wire gauge	0.25 mm ² (AWG 24)

Part Number

Customized cable ending and length

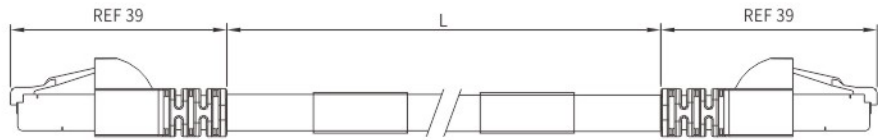
Pins	Cable length	PVC	PUR
8	2m	RJ45 8P8C plug-RJ45 8P8C plug-20CG25	RJ45 8P8C plug-RJ45 8P8C plug-20RG25
	5m	RJ45 8P8C plug-RJ45 8P8C plug-50CG25	RJ45 8P8C plug-RJ45 8P8C plug-50RG25
	7m	RJ45 8P8C plug-RJ45 8P8C plug-70CG25	RJ45 8P8C plug-RJ45 8P8C plug-70RG25

Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid

RJ45 (Ethernet)

RJ45 - RJ45, Straight Molded Cable, Shielded



■ Specifications

Contacts	8P8C
Pin layout	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Insulation resistance	≥100MΩ
Contact resistance	≤30mΩ
Shielding	Available
Rated current	1.5 A
Rated voltage	125V AC/DC
Wire gauge	0.25 mm ² (AWG 24)

■ Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
8	2m	RJ45 8P8C plug-RJ45 8P8C plug-20CR25	RJ45 8P8C plug-RJ45 8P8C plug-20RR25
	5m	RJ45 8P8C plug-RJ45 8P8C plug-50CR25	RJ45 8P8C plug-RJ45 8P8C plug-50RR25
	7m	RJ45 8P8C plug-RJ45 8P8C plug-70CR25	RJ45 8P8C plug-RJ45 8P8C plug-70RR25

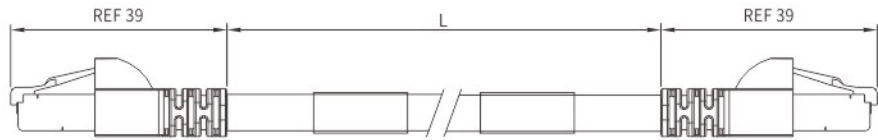
■ Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid

RJ45 (Ethernet)



RJ45 - RJ45, Straight Molded Cable, Shielded



Specifications

Contacts	8P8C
Pin layout	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Insulation resistance	≥100MΩ
Contact resistance	≤30mΩ
Shielding	Available
Rated current	1.5 A
Rated voltage	125V AC/DC
Wire gauge	0.25 mm ² (AWG 24)

Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
8	2m	RJ45 8P8C plug-RJ45 8P8C plug-20CY25	RJ45 8P8C plug-RJ45 8P8C plug-20RY25
	5m	RJ45 8P8C plug-RJ45 8P8C plug-50CY25	RJ45 8P8C plug-RJ45 8P8C plug-50RY25
	7m	RJ45 8P8C plug-RJ45 8P8C plug-70CY25	RJ45 8P8C plug-RJ45 8P8C plug-70RY25

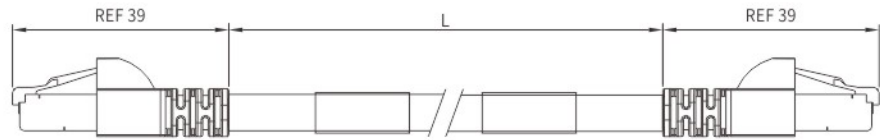
Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid

RJ45 (Profinet)



RJ45 - RJ45, Straight Molded Cable, Shielded



■ Specifications

Contacts	8P4C
Pin layout	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Insulation resistance	≥100MΩ
Contact resistance	≤30mΩ
Shielding	Available
Rated current	1.5 A
Rated voltage	125V AC/DC
Wire gauge	0.25 mm ² (AWG 24)

■ Part Number

Customized cable ending and length

Pins	Cable length	PUR
4	2m	RJ45 8P4C plug-RJ45 8P4C plug-20RE25
	5m	RJ45 8P4C plug-RJ45 8P4C plug-50RE25
	7m	RJ45 8P4C plug-RJ45 8P4C plug-70RE25

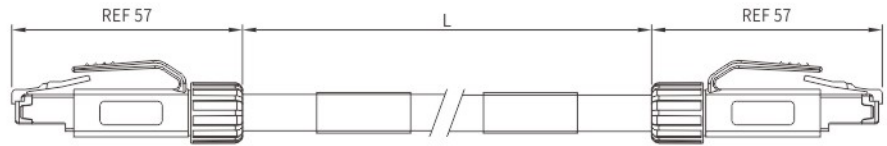
■ Default wire colors

Pin No.	
Pin 1	YE
Pin 2	OR
Pin 3	WH
Pin 4	BU
Shell	Braid

RJ45 (Profinet)



RJ45 - RJ45, Straight Assembly Cable, Shielded



Specifications

Contacts	8P4C
Pin layout	
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU
Connector contacts	Brass with gold plated
Connector overmold	TPU
Insulation resistance	≥100MΩ
Contact resistance	≤30mΩ
Shielding	Available
Rated current	4 A
Rated voltage	250V AC/DC
Wire gauge	0.34 mm ² (AWG 22)

Part Number

Customized cable ending and length

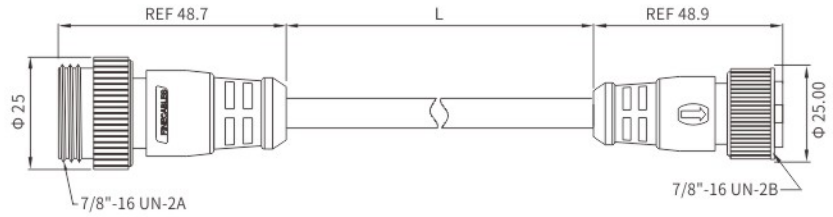
Pins	Cable length	PUR
8	2m	RJ45 8P4C plug-RJ45 8P4C plug-20RE25
	5m	RJ45 8P4C plug-RJ45 8P4C plug-20RE25
	7m	RJ45 8P4C plug-RJ45 8P4C plug-20RE25

Default wire colors

Pin No.	
Pin 1	YE
Pin 2	OR
Pin 3	WH
Pin 6	BU

Mini-change(7/8")

Mini-change(7/8") Connector,Molded Cable



Specifications

Contacts	3	4	5
Certification		CYJV7 E321413	
Pin layout(Male)			
Pin layout(Female)			
Ambient temperature	-20°C ~ +80°C (flexible installation) , -40°C ~ +80°C (fixed installation)		
Connector insert	TPU		
Connector contacts	Brass with gold plated		
Connector overmold	TPU		
Coupling nut/screw	Aluminium anodized natural		
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Shielding	Unavailable		
IP rating	IP68 in locked condition		
Mating endurance	>500 cycles		
Rated current	13A		
Rated voltage	300V AC / DC		
Wire gauge	1.5mm ² (AWG16)		

Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
3	2m	Mini-C03MST-C03FST-20CB150	Mini-C03MST-C03FST-20RB150
	5m	Mini-C03MST-C03FST-50CB150	Mini-C03MST-C03FST-50RB150
	7m	Mini-C03MST-C03FST-70CB150	Mini-C03MST-C03FST-70RB150
4	2m	Mini-C04MST-C04FST-20CB150	Mini-C04MST-C04FST-20RB150
	5m	Mini-C04MST-C04FST-50CB150	Mini-C04MST-C04FST-50RB150
	7m	Mini-C04MST-C04FST-70CB150	Mini-C04MST-C04FST-70RB150
5	2m	Mini-C05MST-C05FST-20CB150	Mini-C05MST-C05FST-20RB150
	5m	Mini-C05MST-C05FST-50CB150	Mini-C05MST-C05FST-50RB150
	7m	Mini-C05MST-C05FST-70CB150	Mini-C05MST-C05FST-70RB150

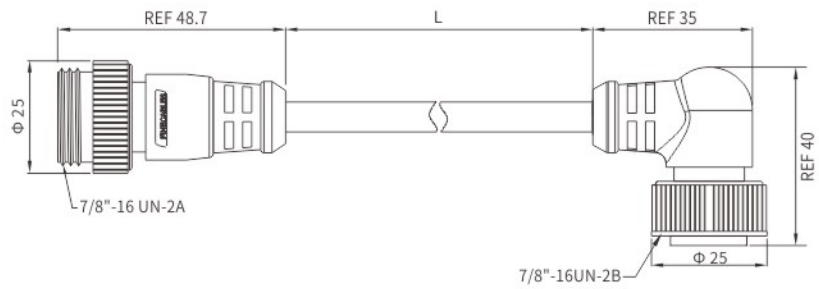
Default wire colors

Pin No.			
Pin 1	BN	BN	BN
Pin 2	BU	WH	WH
Pin 3	BK	BU	BU
Pin 4		BK	BK
Pin 5			GY

Mini-change(7/8")



Mini-change(7/8") Connector,Molded Cable



Specifications

Contacts	3	4	5
Certification		CYJV7 E321413	
Pin layout(Male)			
Pin layout(Female)			
Ambient temperature	-20°C ~ +80°C (flexible installation) , -40°C ~ +80°C (fixed installation)		
Connector insert	TPU		
Connector contacts	Brass with gold plated		
Connector overmold	TPU		
Coupling nut/screw	Aluminium anodized natural		
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Shielding	Unavailable		
IP rating	IP68 in locked condition		
Mating endurance	>500 cycles		
Rated current	13A		
Rated voltage	300V AC / DC		
Wire gauge	1.5mm ² (AWG16)		

Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
3	2m	Mini-C03MST-C03FRA-20CB150	Mini-C03MST-C03FRA-20RB150
	5m	Mini-C03MST-C03FRA-50CB150	Mini-C03MST-C03FRA-50RB150
	7m	Mini-C03MST-C03FRA-70CB150	Mini-C03MST-C03FRA-70RB150
4	2m	Mini-C04MST-C04FRA-20CB150	Mini-C04MST-C04FRA-20RB150
	5m	Mini-C04MST-C04FRA-50CB150	Mini-C04MST-C04FRA-50RB150
	7m	Mini-C04MST-C04FRA-70CB150	Mini-C04MST-C04FRA-70RB150
5	2m	Mini-C05MST-C05FRA-20CB150	Mini-C05MST-C05FRA-20RB150
	5m	Mini-C05MST-C05FRA-50CB150	Mini-C05MST-C05FRA-50RB150
	7m	Mini-C05MST-C05FRA-70CB150	Mini-C05MST-C05FRA-70RB150

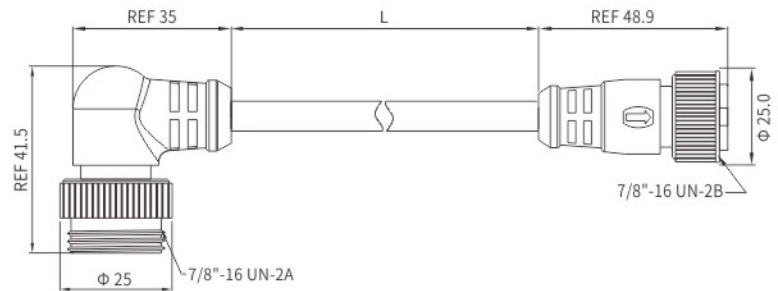
Default wire colors

Pin No.			
Pin 1	BN	BN	BN
Pin 2	BU	WH	WH
Pin 3	BK	BU	BU
Pin 4		BK	BK
Pin 5			GY

Mini-change(7/8")



Mini-change(7/8") Connector, Molded Cable



Specifications

Contacts	3	4	5
Certification		CYJV7 E321413	
Pin layout(Male)			
Pin layout(Female)			
Ambient temperature	-20°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation)		
Connector insert	TPU		
Connector contacts	Brass with gold plated		
Connector overmold	TPU		
Coupling nut/screw	Aluminium anodized natural		
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Shielding	Unavailable		
IP rating	IP68 in locked condition		
Mating endurance	>500 cycles		
Rated current	13A		
Rated voltage	300V AC / DC		
Wire gauge	1.5mm ² (AWG16)		

Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
3	2m	Mini-C03MRA-C03FST-20CB150	Mini-C03MRA-C03FST-20RB150
	5m	Mini-C03MRA-C03FST-50CB150	Mini-C03MRA-C03FST-50RB150
	7m	Mini-C03MRA-C03FST-70CB150	Mini-C03MRA-C03FST-70RB150
4	2m	Mini-C04MRA-C04FST-20CB150	Mini-C04MRA-C04FST-20RB150
	5m	Mini-C04MRA-C04FST-50CB150	Mini-C04MRA-C04FST-50RB150
	7m	Mini-C04MRA-C04FST-70CB150	Mini-C04MRA-C04FST-70RB150
5	2m	Mini-C05MRA-C05FST-20CB150	Mini-C05MRA-C05FST-20RB150
	5m	Mini-C05MRA-C05FST-50CB150	Mini-C05MRA-C05FST-50RB150
	7m	Mini-C05MRA-C05FST-70CB150	Mini-C05MRA-C05FST-70RB150

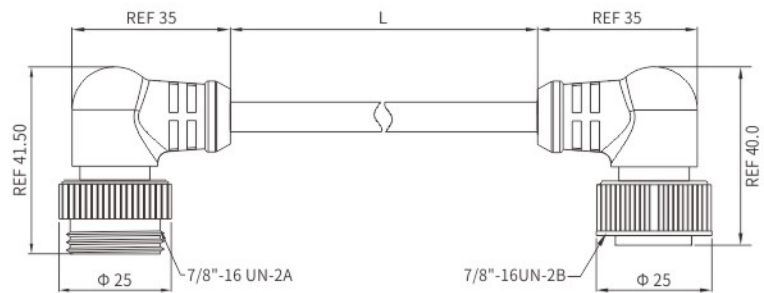
Default wire colors

Pin No.			
Pin 1	BN	BN	BN
Pin 2	BU	WH	WH
Pin 3	BK	BU	BU
Pin 4		BK	BK
Pin 5			GY

Mini-change(7/8")



Mini-change(7/8") Connector, Molded Cable



Specifications

Contacts	3	4	5
Certification		CYJV7 E321413	
Pin layout(Male)			
Pin layout(Female)			
Ambient temperature	-20°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)		
Connector insert	TPU		
Connector contacts	Brass with gold plated		
Connector overmold	TPU		
Coupling nut/screw	Aluminium anodized natural		
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Shielding	Unavailable		
IP rating	IP68 in locked condition		
Mating endurance	>500 cycles		
Rated current	13A		
Rated voltage	300V AC / DC		
Wire gauge	1.5mm ² (AWG16)		

Part Number

Customized cable ending and length

Pins	Cable length	PVC	PUR
3	2m	Mini-C03MRA-C03FRA-20CB150	Mini-C03MRA-C03FRA-20RB150
	5m	Mini-C03MRA-C03FRA-50CB150	Mini-C03MRA-C03FRA-50RB150
	7m	Mini-C03MRA-C03FRA-70CB150	Mini-C03MRA-C03FRA-70RB150
4	2m	Mini-C04MRA-C04FRA-20CB150	Mini-C04MRA-C04FRA-20RB150
	5m	Mini-C04MRA-C04FRA-50CB150	Mini-C04MRA-C04FRA-50RB150
	7m	Mini-C04MRA-C04FRA-70CB150	Mini-C04MRA-C04FRA-70RB150
5	2m	Mini-C05MRA-C05FRA-20CB150	Mini-C05MRA-C05FRA-20RB150
	5m	Mini-C05MRA-C05FRA-50CB150	Mini-C05MRA-C05FRA-50RB150
	7m	Mini-C05MRA-C05FRA-70CB150	Mini-C05MRA-C05FRA-70RB150

Default wire colors

Pin No.			
Pin 1	BN	BN	BN
Pin 2	BU	WH	WH
Pin 3	BK	BU	BU
Pin 4		BK	BK
Pin 5			GY

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