

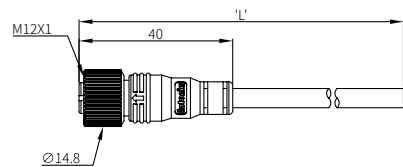
M8/M12 Connector Cable

M12 Connector 4-Pin																	
Power	Connector 1		Connector 2	Wire spec.	Connection	Length	Feature	Application	Model								
AC	M12 (Socket-Female)		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td rowspan="2">→ Brown</td></tr><tr><td>4</td></tr><tr><td>2</td><td rowspan="2">→ Blue</td></tr><tr><td>3</td></tr></table>	Pin no.	Wiring	1	→ Brown	4	2	→ Blue	3	2 m	PVC	Photoelectric sensors/ Proximity sensors / Safety door switches	CIA2-2
	Pin no.					Wiring											
	1					→ Brown											
	4																
	2	→ Blue															
	3																
	M12 (Socket-Female), L type	5 m	CIA2-5														
		2 m	Oil resistant PVC	CIAH2-2													
		5 m		CIAH2-5													
		M12 (Plug-Male)		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td rowspan="2">→ Brown</td></tr><tr><td>4</td></tr><tr><td>2</td><td rowspan="2">→ Blue</td></tr><tr><td>3</td></tr></table>	Pin no.	Wiring	1	→ Brown	4	2	→ Blue	3	2 m		PVC
	Pin no.						Wiring										
	1						→ Brown										
	4																
	2	→ Blue															
	3																
	M12 (Plug-Male), L type	5 m	CIA2-5P														
2 m		Oil resistant PVC	CIAH2-2P														
5 m			CIAH2-5P														
						2 m	PVC	CLA2-2P									
	5 m					CLA2-5P											
										2 m	Oil resistant PVC	CLAH2-2P					
										5 m		CLAH2-5P					

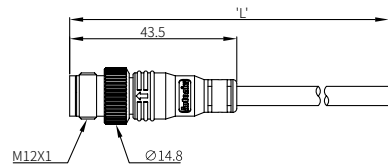
■ Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.
- Cable thickness is different by cable material. (PVC: Ø 5 mm / Oil resistant PVC: Ø 6 mm)

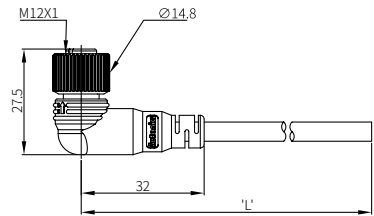
• Socket-Female



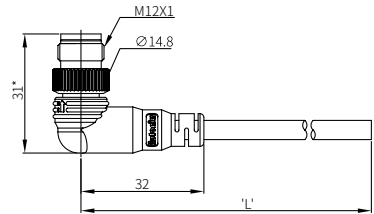
• Plug-Male



• Socket-Female, L type



• Plug-Male, L type



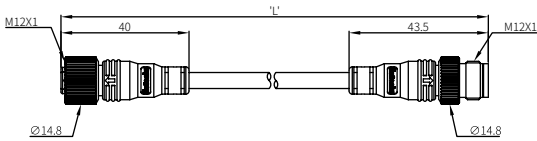
* Oil resistant PVC Model: 31.3

Power	Connector 1		Connector 2		Connection	Length	Feature	Application	Model
AC	M12 (Socket-Female)	4-pin 	M12 (Plug-Male)	4-pin 	Connector 1 Pin no. 2 3 → Connector 2 Pin no. 2 3	2 m	PVC	Photoelectric sensors/ Proximity sensors/ Safety door switches	C1A4-2
	M12 (Socket-Female), L type		M12 (Plug-Male), L type		Connector 1 Pin no. 2 3 → Connector 2 Pin no. 2 3	5 m			C1A4-5
	M12 (Socket-Female)		M12 (Plug-Male), L type		Connector 1 Pin no. 1 4 → Connector 2 Pin no. 1 4	2 m			C2A4-2
	M12 (Socket-Female), L type		M12 (Plug-Male)		Connector 1 Pin no. 1 4 → Connector 2 Pin no. 1 4	5 m			C2A4-5
					• Pin 2 / 3, 1 / 4 are connected inside.	2 m			C3A4-2
						5 m			C3A4-5
						2 m			C4A4-2
						5 m			C4A4-5
	M12 (Plug-Male)	4-pin 	M12 (Plug-Male)	4-pin 	Connector 1 Pin no. 2 3 → Connector 2 Pin no. 2 3	2 m			C1A4-2P
					Connector 1 Pin no. 1 4 → Connector 2 Pin no. 1 4	5 m			C1A4-5P
					• Pin 2 / 3, 1 / 4 are connected inside.				

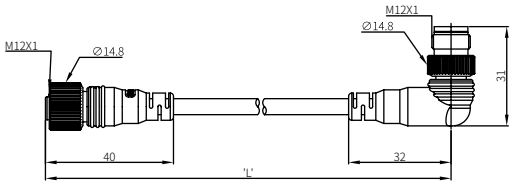
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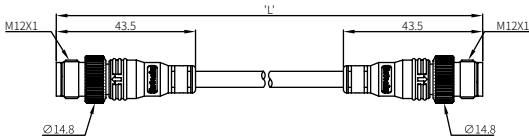
• Socket-Female : Plug-Male



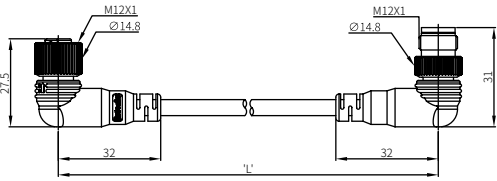
• Socket-Female : Plug-Male, L type



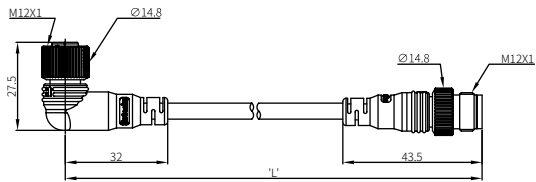
• Plug-Male: Plug-Male



• Socket-Female, L type : Plug-Male, L type



• Socket-Female, L type : Plug-Male



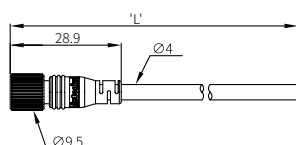
M8 Connector 4-Pin

Power	Connector 1		Connector 2	Wire spec.	Connection	Length	Feature	Application	Model										
DC	M8 (Socket-Female)		4-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.65 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td>Brown</td></tr><tr><td>2</td><td>White</td></tr><tr><td>3</td><td>Blue</td></tr><tr><td>4</td><td>Black</td></tr></table>	Pin no.	Wiring	1	Brown	2	White	3	Blue	4	Black	2 m	PVC	Photoelectric sensors/ Proximity sensors/ Linear positioning sensors	CID408-2
	Pin no.				Wiring														
	1				Brown														
	2				White														
	3				Blue														
	4				Black														
	5 m				CID408-5														
	2 m				Oil resistant PVC	CIDH408-2													
	5 m					CIDH408-5													
	M8 (Socket-Female), L type				PVC	2 m	CLD408-2												
5 m		CLD408-5																	
Oil resistant PVC		2 m	CLDH408-2																
		5 m	CLDH408-5																

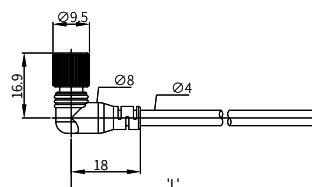
■ Dimensions

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• Socket-Female



• Socket-Female, L type

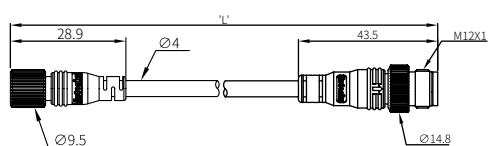


Power	Connector 1		Connector 2		Connection		Length	Feature	Application	Model	
DC	M8 (Socket-Female)	4-pin 	M12 (Plug-Male)	4-pin 	Connector 1 Pin no.	Connector 2 Pin no.	2 m	PVC	Linear positioning sensors	C1D4-2EB	
	M8 (Socket-Female), L type		M12 (Plug-Male), L type		1 → 1	5 m	C1D4-5EB				
	M8 (Socket-Female)		M12 (Plug-Male), L type		2 → 2	2 m	C2D4-2EB				
			M8 (Socket-Female), L type		M12 (Plug-Male)	3 → 3	5 m			C2D4-5EB	
					M12 (Plug-Male)	4 → 4	2 m			C3D4-2EB	
				5 m	C3D4-5EB						
					2 m	C4D4-2EB					
					5 m	C4D4-5EB					
	M8 (Socket-Female)	4-pin 	M12 (Plug-Male)	4-pin 	Connector 1 Pin no.	Connector 2 Pin no.	2 m			Oil resistant PVC	C1DH4-2EB
	M8 (Socket-Female), L type		M12 (Plug-Male), L type		1 → 1	5 m	C1DH4-5EB				
	M8 (Socket-Female)		M12 (Plug-Male), L type		2 → 2	2 m	C2DH4-2EB				
			M8 (Socket-Female), L type		M12 (Plug-Male)	3 → 3	5 m	C2DH4-5EB			
					M12 (Plug-Male)	4 → 4	2 m	C3DH4-2EB			
					5 m	C3DH4-5EB					
					2 m	C4DH4-2EB					
					5 m	C4DH4-5EB					

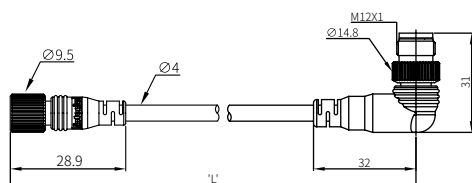
■ Dimensions

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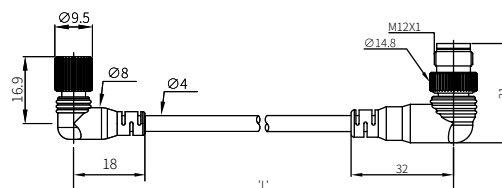
• Socket-Female : Plug-Male



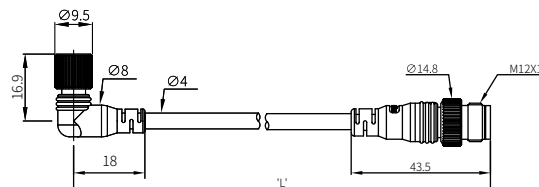
• Socket-Female : Plug-Male, L type



• Socket-Female, L type : Plug-Male, L type



• Socket-Female, L type : Plug-Male



M12 Connector 4-Pin

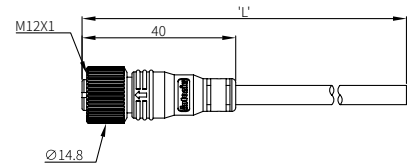
Power	Connector 1		Connector 2	Wire spec.	Connection	Length	Feature	Application	Model										
DC	M12 (Socket-Female)		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>3</td><td>→ Blue</td></tr><tr><td>4</td><td>→ Brown</td></tr></table>	Pin no.	Wiring	1		2		3	→ Blue	4	→ Brown	2 m	PVC	Photoelectric sensors / Proximity sensors / Safety door switches	CID2-2
	Pin no.					Wiring													
	1																		
	2																		
	3	→ Blue																	
	4	→ Brown																	
	M12 (Socket-Female), L type	5 m		CID2-5															
		2 m	Oil resistant PVC	CIDH2-2															
		5 m		CIDH2-5															
		2 m	PVC	CLD2-2															
	M12 (Socket-Female)		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>4</td><td>→ Blue</td></tr><tr><td>3</td><td></td></tr></table>	Pin no.	Wiring	1		2		4	→ Blue	3		5 m			CLD2-5
						Pin no.	Wiring												
						1													
						2													
	4	→ Blue																	
	3																		
	M12 (Socket-Female), L type	2 m	Oil resistant PVC	CLDH2-2															
		5 m		CLDH2-5															
		2 m	PVC	CID2-2-I															
		5 m		CID2-5-I															
	M12 (Plug-Male)		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>3</td><td>→ Blue</td></tr><tr><td>4</td><td>→ Brown</td></tr></table>	Pin no.	Wiring	1		2		3	→ Blue	4	→ Brown	2 m	Oil resistant PVC		CIDH2-2-I
						Pin no.	Wiring												
						1													
						2													
	3	→ Blue																	
	4	→ Brown																	
	M12 (Plug-Male), L type	5 m		CIDH2-5-I															
		2 m	PVC	CLD2-2-I															
		5 m		CLD2-5-I															
		2 m	Oil resistant PVC	CLDH2-2-I															
	M12 (Socket-Female)		3-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>3</td><td>→ Brown</td></tr><tr><td>4</td><td></td></tr></table>	Pin no.	Wiring	1		2		3	→ Brown	4		5 m			CLDH2-5-I
						Pin no.	Wiring												
						1													
						2													
	3	→ Brown																	
	4																		
	M12 (Socket-Female), L type	2 m	PVC	CID2-2P															
		5 m		CID2-5P															
		2 m	Oil resistant PVC	CIDH2-2P															
		5 m		CIDH2-5P															
M12 (Plug-Male)		3-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>3</td><td>→ Blue</td></tr><tr><td>4</td><td>→ Black</td></tr></table>	Pin no.	Wiring	1		2		3	→ Blue	4	→ Black	2 m	PVC	CLD2-2P		
					Pin no.	Wiring													
					1														
					2														
3	→ Blue																		
4	→ Black																		
M12 (Plug-Male), L type	5 m		CLD2-5P																
	2 m	Oil resistant PVC	CLDH2-2P																
	5 m		CLDH2-5P																
	2 m	PVC	CID3-2																
M12 (Socket-Female)		4-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.65 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td>→ Brown</td></tr><tr><td>2</td><td>→ White</td></tr><tr><td>3</td><td>→ Blue</td></tr><tr><td>4</td><td>→ Black</td></tr></table>	Pin no.	Wiring	1	→ Brown	2	→ White	3	→ Blue	4	→ Black	5 m		CID3-5		
					Pin no.	Wiring													
					1	→ Brown													
					2	→ White													
3	→ Blue																		
4	→ Black																		
M12 (Socket-Female), L type	2 m	Oil resistant PVC	CIDH3-2																
	5 m		CIDH3-5																
	2 m	PVC	CLD3-2																
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M12 (Plug-Male)		4-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.65 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td>→ Brown</td></tr><tr><td>2</td><td>→ White</td></tr><tr><td>3</td><td>→ Blue</td></tr><tr><td>4</td><td>→ Black</td></tr></table>	Pin no.	Wiring	1	→ Brown	2	→ White	3	→ Blue	4	→ Black	2 m	Oil resistant PVC	CLDH3-2		
					Pin no.	Wiring													
					1	→ Brown													
					2	→ White													
3	→ Blue																		
4	→ Black																		
M12 (Plug-Male), L type	5 m		CLDH3-5																
	2 m	PVC	CID3-2P																
	5 m		CID3-5P																
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	5 m		CLD3-2P																
	2 m	Oil resistant PVC	CLD3-5P																
	5 m		CLDH3-2P																
M12 (Socket-Female)		4-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.65 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td>→ Brown</td></tr><tr><td>2</td><td>→ White</td></tr><tr><td>3</td><td>→ Blue</td></tr><tr><td>4</td><td>→ Black</td></tr></table>	Pin no.	Wiring	1	→ Brown	2	→ White	3	→ Blue	4	→ Black	5 m		CLDH3-5P		
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M12 (Socket-Female), L type	2 m	PVC	CID3-2P																
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Power	Connector 1		Connector 2	Wire spec.	Connection	Length	Feature	Application	Model										
DC	M12 (Socket-Female)	4-pin 	4-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.25 mm	<table><tr><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td>→ Brown</td></tr><tr><td>2</td><td>→ White</td></tr><tr><td>3</td><td>→ Blue</td></tr><tr><td>4</td><td>→ Black</td></tr></table>	Pin no.	Wiring	1	→ Brown	2	→ White	3	→ Blue	4	→ Black	3 m	Black (transmitter) Gray (receiver)	Area sensors BW Series / BWC Series	CID4-3T
						Pin no.	Wiring												
						1	→ Brown												
						2	→ White												
						3	→ Blue												
						4	→ Black												
								CID4-3R											
						5 m	Black (transmitter) Gray (receiver)	CID4-5T											
								CID4-5R											
						7 m	Black (transmitter) Gray (receiver)	CID4-7T											
								CID4-7R											
						10 m	Black (transmitter) Gray (receiver)	CID4-10T											
	CID4-10R																		
15 m	Black (transmitter) Gray (receiver)	CID4-15T																	
		CID4-15R																	

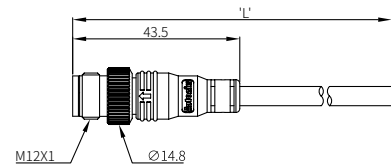
■ Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.
- Cable thickness is different by cable material. (PVC: Ø 5 mm (For area sensors: Ø 6 mm) / Oil resistant PVC: Ø 6 mm)

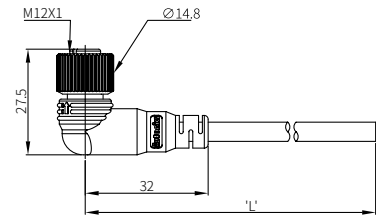
• Socket-Female



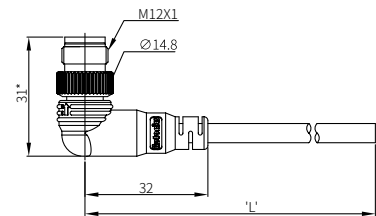
• Plug-Male



• Socket-Female, L type



• Plug-Male, L type



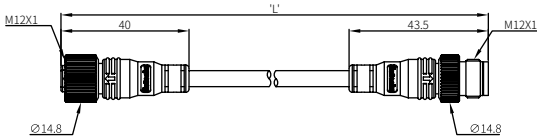
* Oil resistant PVC model: 31.3

Power	Connector 1		Connector 2		Connection		Length	Feature	Application	Model
DC	M12 (Socket-Female)		M12 (Plug-Male)		Connector 1 Pin no.	Connector 2 Pin no.	2 m	PVC	Photoelectric sensors / Proximity sensors / Linear positioning sensors / Safety door switches	C1D4-2
	M12 (Socket-Female), L type		1		1	5 m	C1D4-5			
	M12 (Socket-Female)		2		2	2 m	C2D4-2			
	M12 (Socket-Female), L type		3		3	5 m	C2D4-5			
		4	4	2 m	C3D4-2					
				5 m	C3D4-5					
				2 m	C4D4-2					
				5 m	C4D4-5					
	M12 (Socket-Female)		M12 (Plug-Male)		Connector 1 Pin no.	Connector 2 Pin no.	1 m	Oil resistant PVC		C1DH4-1
	M12 (Socket-Female), L type		1		1	3 m	C1DH4-3			
	M12 (Socket-Female)		2		2	5 m	C1DH4-5			
			3		3	7 m	C1DH4-7			
			4		4	1 m	C2DH4-1			
						3 m	C2DH4-3			
						5 m	C2DH4-5			
						7 m	C2DH4-7			
				1 m	C3DH4-1					
				3 m	C3DH4-3					
				5 m	C3DH4-5					
				7 m	C3DH4-7					
			1 m	C4DH4-1						
			3 m	C4DH4-3						
			5 m	C4DH4-5						
			7 m	C4DH4-7						
		M12 (Plug-Male)		Connector 1 Pin no.	Connector 2 Pin no.	2 m	PVC	Photoelectric sensors / Proximity sensors / Safety door switches	C1D4-2P	
M12 (Plug-Male)		1		1	5 m	C1D4-5P				
		2		2						
		3		3						
				4	4					

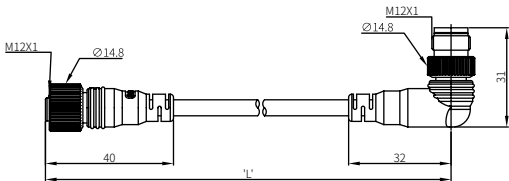
■ Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.
- Cable thickness is different by cable material. (PVC: Ø 5 mm / Oil resistant PVC: Ø 6 mm)

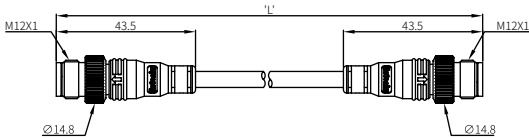
• Socket-Female : Plug-Male



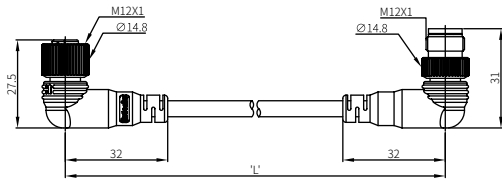
• Socket-Female : Plug-Male, L type



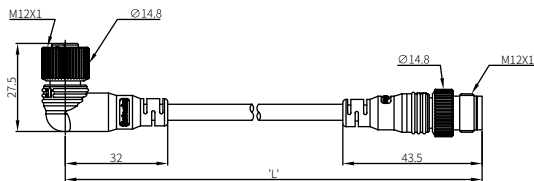
• Plug-Male : Plug-Male



• Socket-Female, L type : Plug-Male, L type



• Socket-Female, L type : Plug-Male



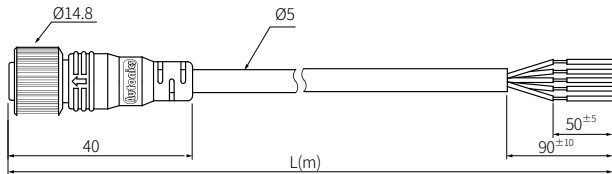
M12 Connector 5-Pin

Power	Connector 1		Connector 2	Wire spec.	Connection	Length	Feature	Application	Model																		
DC	M12 (Socket-Female)		5-wire	AWG 26 (0.08 mm, 28-core), Insulator diameter: Ø0.74 mm	<table><tr><th>Pin no.</th><th>→</th><th>Wiring</th></tr><tr><td>1</td><td>→</td><td>Brown</td></tr><tr><td>2</td><td>→</td><td>White</td></tr><tr><td>3</td><td>→</td><td>Blue</td></tr><tr><td>4</td><td>→</td><td>Black</td></tr><tr><td>5</td><td>→</td><td>Yellow</td></tr></table>	Pin no.	→	Wiring	1	→	Brown	2	→	White	3	→	Blue	4	→	Black	5	→	Yellow	1 m	PVC	Safety non-contact door switches	CID5-1
						Pin no.	→	Wiring																			
						1	→	Brown																			
						2	→	White																			
						3	→	Blue																			
	4	→			Black																						
	5	→			Yellow																						
	2 m	CID5-2																									
	3 m	CID5-3																									
	5 m	CID5-5																									
	7 m	CID5-7																									
	M12 (Plug-Male)							1 m	CID5-1P																		
2 m			CID5-2P																								
3 m			CID5-3P																								
5 m			CID5-5P																								
7 m			CID5-7P																								

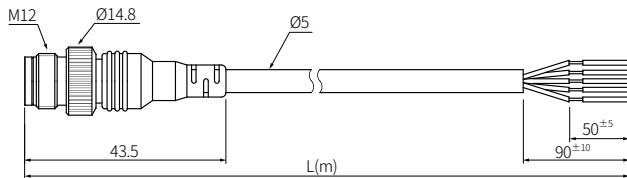
■ Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.

• Socket-Female



• Plug-Male

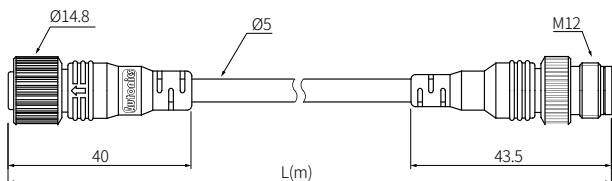


Power	Connector 1		Connector 2		Connection		Length	Feature	Application	Model
DC	M12 (Socket-Female)		M12 (Plug-Male)		Connector 1 Pin no.	Connector 2 Pin no.	1 m	PVC	Safety non-contact door switches	C1D5-1
					1	→ 1	2 m			C1D5-2
					2	→ 2	3 m			C1D5-3
					3	→ 3	5 m			C1D5-5
					4	→ 4	7 m			C1D5-7
					5	→ 5				

■ Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.

• Socket-Female : Plug-Male



M12 Connector 8-Pin

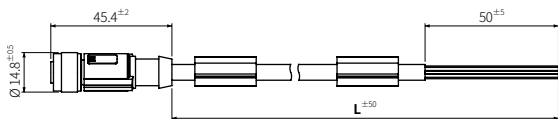
Power	Connector 1		Connector 2	Wire spec.	Connection	Length	Feature		Application	Model																		
DC	M12 (Socket-Female)		8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	<table><tr><th>Pin no.</th><th>Color</th></tr><tr><td>1 →</td><td>White</td></tr><tr><td>2 →</td><td>Brown</td></tr><tr><td>3 →</td><td>Green</td></tr><tr><td>4 →</td><td>Yellow</td></tr><tr><td>5 →</td><td>Gray</td></tr><tr><td>6 →</td><td>Pink</td></tr><tr><td>7 →</td><td>Blue</td></tr><tr><td>8 →</td><td>Red</td></tr></table>	Pin no.	Color	1 →	White	2 →	Brown	3 →	Green	4 →	Yellow	5 →	Gray	6 →	Pink	7 →	Blue	8 →	Red	2 m	• Drag chain type (2 million) • IP65 / IP67 • PUR •  EAC	Smart cameras	CIDM8-2-A	
	Pin no.				Color																							
	1 →				White																							
	2 →				Brown																							
	3 →				Green																							
	4 →				Yellow																							
	5 →				Gray																							
	6 →				Pink																							
	7 →	Blue																										
	8 →	Red																										
	M12 (Socket-Female), L type	5 m	CIDM8-5-A																									
		10 m	CIDM8-10-A																									
		2 m	CLDM8-2-A																									
		5 m	CLDM8-5-A																									
		10 m	CLDM8-10-A																									
		M12 (Socket-Female)		8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	<table><tr><th>Pin no.</th><th>Color</th></tr><tr><td>1 →</td><td>Blue</td></tr><tr><td>2 →</td><td>Orange</td></tr><tr><td>3 →</td><td>Yellow</td></tr><tr><td>4 →</td><td>Red</td></tr><tr><td>5 →</td><td>Pink</td></tr><tr><td>6 →</td><td>Black</td></tr><tr><td>7 →</td><td>White</td></tr><tr><td>8 →</td><td>Brown</td></tr></table>	Pin no.	Color	1 →	Blue	2 →	Orange	3 →	Yellow	4 →	Red	5 →	Pink	6 →	Black	7 →	White	8 →	Brown	3 m	Transmitter Receiver Transmitter Receiver Transmitter Receiver Transmitter Receiver	PUR or PVC	Safety light curtains ⁰¹⁾
Pin no.						Color																						
1 →	Blue																											
2 →	Orange																											
3 →	Yellow																											
4 →	Red																											
5 →	Pink																											
6 →	Black																											
7 →	White																											
8 →	Brown																											
M12 (Socket-Female)	5 m	CID8-3R																										
	5 m	CID8-5T																										
	7 m	CID8-5R																										
	7 m	CID8-7T																										
	10 m	CID8-7R																										
	10 m	CID8-10T																										
	10 m	CID8-10R																										

01) To ordering the cable for safety light curtains, select the material specification.

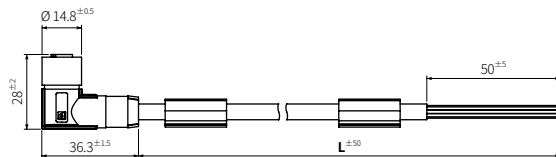
■ Dimensions

• Unit: mm, For the detailed drawings, follow the Autonics website.

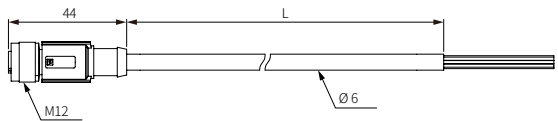
• **Socket-Female (for smart cameras, drag chain type, PUR)**



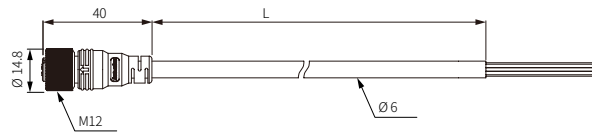
• **Socket-Female, L type (for smart cameras, drag chain type, PUR)**



• **Socket-Female (for safety light curtains, PUR)**



• **Socket-Female (for safety light curtains, PVC)**



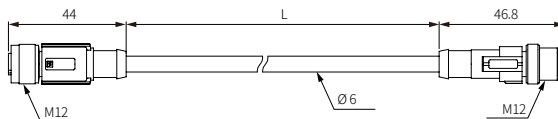
Power	Connector 1		Connector 2		Connection		Length	Feature		Application	Model						
DC	M12 (Socket-Female)		M12 (Plug-Male)		Connector 1 Pin no.	Connector 2 Pin no.	3 m	Transmitter	PUR or PVC	Safety light curtains ⁰¹⁾	C1D8-3T						
								Receiver			C1D8-3R						
							5 m	Transmitter			C1D8-5T						
								Receiver			C1D8-5R						
							7 m	Transmitter			C1D8-7T						
								Receiver			C1D8-7R						
							10 m	Transmitter			C1D8-10T						
								Receiver			C1D8-10R						
							15 m	Transmitter			C1D8-15T						
								Receiver			C1D8-15R						
							20 m	Transmitter			C1D8-20T						
								Receiver			C1D8-20R						

01) To ordering the cable for safety light curtains, select the material specification.

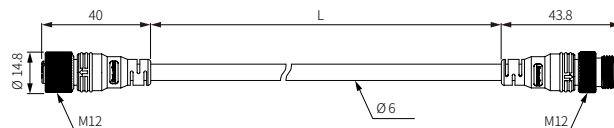
■ Dimensions

• Unit: mm, For the detailed drawings, follow the Autonics website.

• **Socket-Female : Plug-Male (for safety light curtains, PUR)**



• **Socket-Female : Plug-Male (for safety light curtains, PVC)**



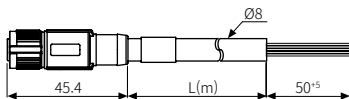
M12 Connector 12-Pin

Power	Connector 1		Connector 2	Wire spec.	Connection				Length	Feature	Application	Model																									
DC	M12 (Socket-Female)	 12-pin	12-wire	AWG 26 (0.1 mm, 18-core), Insulator diameter: Ø1 mm	<table><tr><th>Pin no.</th><th>Wiring</th><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td>Brown</td><td>7</td><td>Black</td></tr><tr><td>2</td><td>Blue</td><td>8</td><td>Gray</td></tr><tr><td>3</td><td>White</td><td>9</td><td>Red</td></tr><tr><td>4</td><td>Green</td><td>10</td><td>Purple</td></tr><tr><td>5</td><td>Pink</td><td>11</td><td>Gray/Pink</td></tr><tr><td>6</td><td>Yellow</td><td>12</td><td>Red/Blue</td></tr></table>	Pin no.	Wiring	Pin no.	Wiring	1	Brown	7	Black	2	Blue	8	Gray	3	White	9	Red	4	Green	10	Purple	5	Pink	11	Gray/Pink	6	Yellow	12	Red/Blue	2 m	• Drag chain type (2 million) • IP65 / IP67 • PUR	LiDAR LSC Series / Vision sensors	CID-2-VG
	Pin no.				Wiring	Pin no.	Wiring																														
	1				Brown	7	Black																														
	2				Blue	8	Gray																														
	3				White	9	Red																														
	4				Green	10	Purple																														
	5	Pink	11	Gray/Pink																																	
	6	Yellow	12	Red/Blue																																	
	M12 (Socket-Female), L type	5 m	CID-5-VG																																		
		10 m	CID-10-VG																																		
		2 m	CLD-2-VG																																		
		5 m	CLD-5-VG																																		
		10 m	CLD-10-VG																																		
	M12 (Socket-Female)	 12-pin	12-wire	AWG 24 (0.16 mm, 11-core), Insulator diameter: Ø1.15 mm	<table><tr><th>Pin no.</th><th>Wiring</th><th>Pin no.</th><th>Wiring</th></tr><tr><td>1</td><td>Brown</td><td>7</td><td>Black</td></tr><tr><td>2</td><td>Blue</td><td>8</td><td>Gray</td></tr><tr><td>3</td><td>White</td><td>9</td><td>Red</td></tr><tr><td>4</td><td>Green</td><td>10</td><td>Purple</td></tr><tr><td>5</td><td>Orange</td><td>11</td><td>Sky</td></tr><tr><td>6</td><td>Yellow</td><td>12</td><td>Bright green</td></tr></table>	Pin no.	Wiring	Pin no.	Wiring	1	Brown	7	Black	2	Blue	8	Gray	3	White	9	Red	4	Green	10	Purple	5	Orange	11	Sky	6	Yellow	12	Bright green	2 m	PVC		CID12-2
Pin no.	Wiring				Pin no.	Wiring																															
1	Brown				7	Black																															
2	Blue				8	Gray																															
3	White				9	Red																															
4	Green				10	Purple																															
5	Orange				11	Sky																															
6	Yellow				12	Bright green																															
M12 (Socket-Female), L type	5 m	CID12-5																																			
	10 m	CID12-10																																			
	2 m	CLD12-2																																			
	5 m	CLD12-5																																			
	10 m	CLD12-10																																			

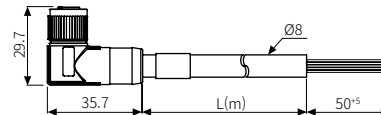
■ Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.

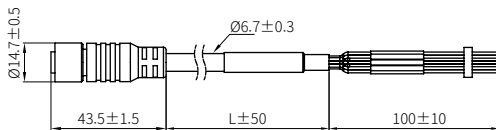
• Socket-Female (drag chain type, PUR)



• Socket-Female, L type (drag chain type, PUR)



• Socket-Female (PVC)



• Socket-Female, L type (PVC)

