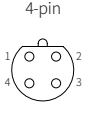
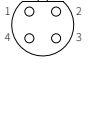
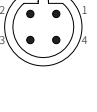
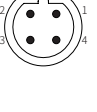


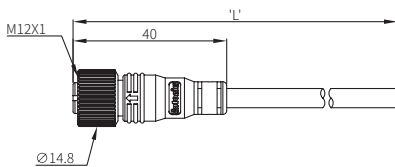
M8/M12 Connector Cable

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 border="1"> <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																
	5 m	Oil resistant PVC	CIA2-5														
	M12 (Socket-Female), L type		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <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		CIAH2-2
						Pin no.	Wiring										
	1	→ Brown															
	4																
	2	→ Blue															
3																	
5 m	Oil resistant PVC	CIAH2-5															
M12 (Plug-Male)		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <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	CLA2-2		
					Pin no.	Wiring											
1	→ Brown																
4																	
2	→ Blue																
3																	
5 m	Oil resistant PVC	CLA2-3															
M12 (Plug-Male), L type		2-wire	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <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	CLA2-5		
					Pin no.	Wiring											
1	→ Brown																
4																	
2	→ Blue																
3																	
5 m	Oil resistant PVC	CLA2-5															
									CLAH2-2								
									CLAH2-5								
									CIA2-2P								
									CIA2-5P								
									CIAH2-2P								
									CIAH2-5P								
									CLA2-2P								
									CLA2-5P								
									CLAH2-2P								
									CLAH2-5P								

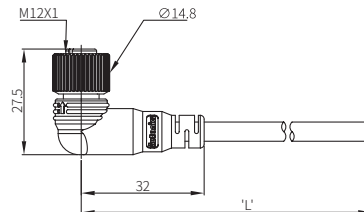
■ Dimensions

- 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)

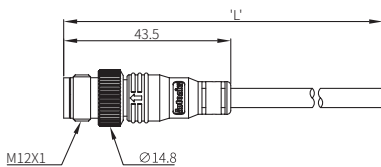
• Socket-Female



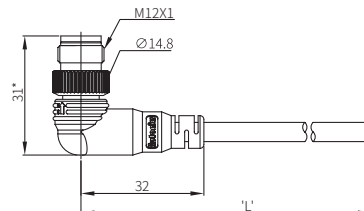
• Socket-Female, L type



• Plug-Male



• Plug-Male, L type



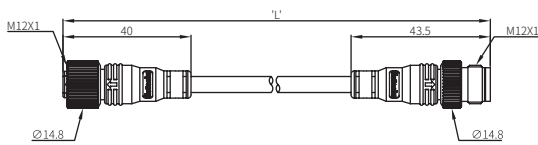
* Oil resistant PVC Model: 31.3

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

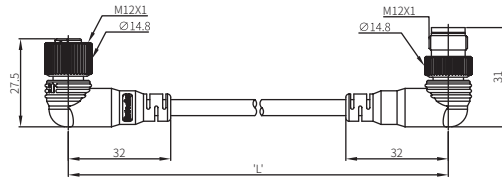
■ Dimensions

- 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)

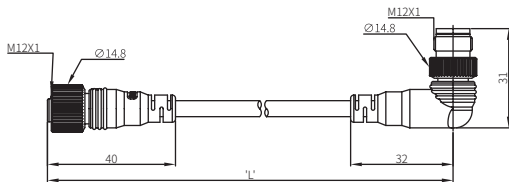
• Socket-Female : Plug-Male



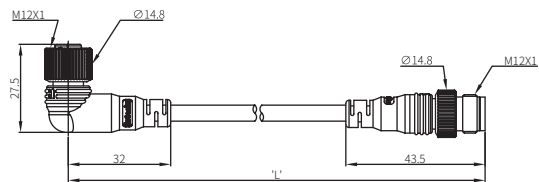
• Socket-Female, L type : Plug-Male, L type



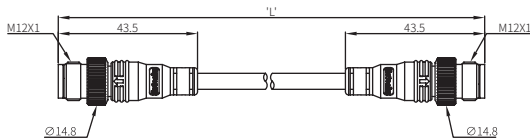
• Socket-Female : Plug-Male, L type




• Socket-Female, L type : Plug-Male



• Plug-Male : Plug-Male



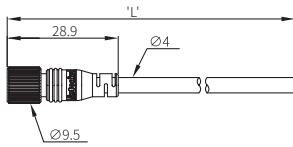
M8 Connector 4-Pin

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

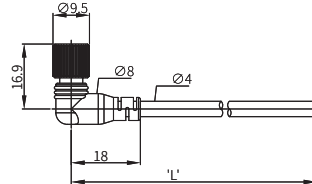
■ Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.
- Cable thickness is different by cable material. (PVC: Ø 4 mm / Oil resistant PVC: Ø 6 mm)





• Socket-Female




• Socket-Female, L type



M12 Connector 4-Pin

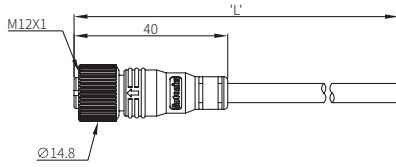
Power	Connector 1	Connector 2	Wire spec.	Connection	Length	Feature	Application	Model										
DC	M12 (Socket-Female)	4-pin 2-wire 	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <tr> <th>Pin no.</th> <th>Wiring</th> </tr> <tr> <td>1</td> <td>_____</td> </tr> <tr> <td>2</td> <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	Oil resistant PVC	CID2-5														
		2 m	PVC	CIDH2-2														
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CIDH2-5														
		2 m	PVC	CLD2-2														
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLD2-5														
		2 m	Oil resistant PVC	CLDH2-2														
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLDH2-5														
		2 m	PVC	CID2-2-I														
	M12 (Socket-Female), L type	5 m	PVC	CID2-5-I														
		2 m	Oil resistant PVC	CIDH2-2-I														
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CIDH2-5-I														
		2 m	PVC	CLD2-2-I														
	M12 (Socket-Female), L type	5 m	PVC	CLD2-5-I														
		2 m	Oil resistant PVC	CLDH2-2-I														
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLDH2-5-I														
		2 m	PVC	CID2-2P														
	M12 (Plug-Male)	4-pin 2-wire 	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <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		CID2-5P
					Pin no.	Wiring												
	1	_____																
	2	_____																
	3	→ Blue																
	4	→ Brown																
	M12 (Plug-Male), L type	5 m	Oil resistant PVC	CIDH2-2P														
		2 m	PVC	CIDH2-5P														
	M12 (Plug-Male), L type	5 m	Oil resistant PVC	CLD2-2P														
		5 m	PVC	CLD2-5P														
	M12 (Plug-Male), L type	2 m	Oil resistant PVC	CLDH2-2P														
		5 m	Oil resistant PVC	CLDH2-5P														
	M12 (Socket-Female)	4-pin 3-wire 	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <tr> <th>Pin no.</th> <th>Wiring</th> </tr> <tr> <td>1</td> <td>→ Brown</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	→ Brown	2	_____	3	→ Blue	4	→ Black	2 m	PVC		CID3-2
					Pin no.	Wiring												
	1	→ Brown																
	2	_____																
	3	→ Blue																
	4	→ Black																
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CID3-5														
		2 m	PVC	CIDH3-2														
	M12 (Socket-Female), L type	5 m	PVC	CIDH3-5														
		2 m	PVC	CLD3-2														
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLD3-5														
		2 m	Oil resistant PVC	CLDH3-2														
	M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLDH3-5														
		2 m	PVC	CID3-2P														
M12 (Socket-Female), L type	5 m	PVC	CID3-5P															
	2 m	Oil resistant PVC	CIDH3-2P															
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CIDH3-5P															
	2 m	PVC	CLD3-2P															
M12 (Socket-Female), L type	5 m	PVC	CLD3-5P															
	2 m	Oil resistant PVC	CLDH3-2P															
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLDH3-5P															
	2 m	Oil resistant PVC	CIDH4-2															
M12 (Socket-Female)	4-pin 4-wire 	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.65 mm	<table border="1"> <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	Oil resistant PVC	CIDH4-3		
				Pin no.	Wiring													
1	→ Brown																	
2	→ White																	
3	→ Blue																	
4	→ Black																	
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CIDH4-5															
	7 m	Oil resistant PVC	CIDH4-7															
M12 (Socket-Female), L type	2 m	Oil resistant PVC	CIDH4-2-A															
	3 m	Oil resistant PVC	CIDH4-3-A															
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CIDH4-5-A															
	7 m	Oil resistant PVC	CIDH4-7-A															
M12 (Socket-Female), L type	2 m	Oil resistant PVC	CLDH4-2															
	3 m	Oil resistant PVC	CLDH4-3															
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLDH4-5															
	7 m	Oil resistant PVC	CLDH4-7															
M12 (Socket-Female), L type	2 m	Oil resistant PVC	CLDH4-2-A															
	3 m	Oil resistant PVC	CLDH4-3-A															
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLDH4-5-A															
	7 m	Oil resistant PVC	CLDH4-7-A															
M12 (Socket-Female), L type	2 m	Oil resistant PVC	CIDH4-2P															
	3 m	Oil resistant PVC	CIDH4-3P															
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CIDH4-5P															
	7 m	Oil resistant PVC	CIDH4-7P															
M12 (Socket-Female), L type	2 m	Oil resistant PVC	CLDH4-2P															
	3 m	Oil resistant PVC	CLDH4-3P															
M12 (Socket-Female), L type	5 m	Oil resistant PVC	CLDH4-5P															
	7 m	Oil resistant PVC	CLDH4-7P															

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 border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <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> </tbody> </table>	Pin no.	Wiring	1	→ Brown	2	→ White	3	→ Blue	4	→ Black	3 m	Black (transmitter)	Area sensors BW Series / BWC Series	CID4-3T
						Pin no.	Wiring												
						1	→ Brown												
						2	→ White												
						3	→ Blue												
						4	→ Black												
							Gray (receiver)	CID4-3R											
						5 m	Black (transmitter)	CID4-5T											
	Gray (receiver)	CID4-5R																	
7 m	Black (transmitter)	CID4-7T																	
	Gray (receiver)	CID4-7R																	
10 m	Black (transmitter)	CID4-10T																	
	Gray (receiver)	CID4-10R																	
15 m	Black (transmitter)	CID4-15T																	
	Gray (receiver)	CID4-15R																	

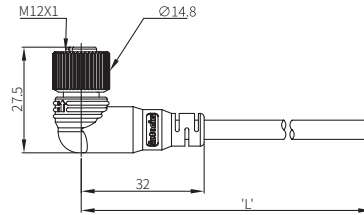
■ Dimensions

- 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)

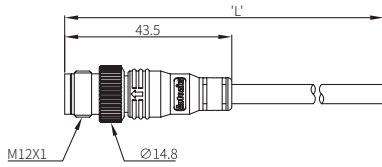
• Socket-Female



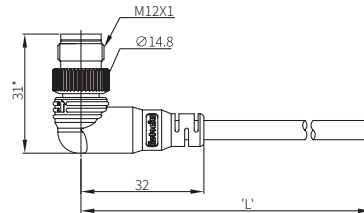
• Socket-Female, L type







• Plug-Male



• Plug-Male, L type



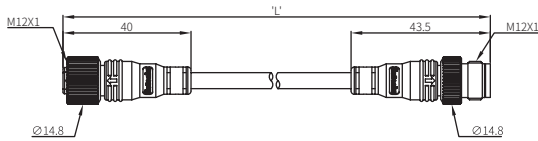
* Oil resistant PVC model: 31.3

Power	Connector 1	Connector 2	Connection	Length	Feature	Application	Model		
DC	M12 (Socket-Female)	4-pin 	M12 (Plug-Male)	4-pin 	Connector 1 Pin no.	Connector 2 Pin no.	2 m	PVC	C1D4-2
	M12 (Socket-Female), L type		M12 (Plug-Male), L type		1 → 1	5 m	C1D4-5		
	M12 (Socket-Female)		M12 (Plug-Male), L type		2 →	2 m	C2D4-2		
	M12 (Socket-Female), L type		M12 (Plug-Male)		3 → 3	5 m	C2D4-5		
			4 → 4	2 m	C3D4-2				
				5 m	C3D4-5				
				2 m	C4D4-2				
				5 m	C4D4-5				
				1 m	C1DH4-1				
				3 m	C1DH4-3				
				5 m	C1DH4-5				
				7 m	C1DH4-7				
				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)	M12 (Plug-Male)	4-pin 	Connector 1 Pin no.	Connector 2 Pin no.	2 m	PVC	C1D4-2P	
			4-pin 	1 → 1	1	5 m		C1D4-5P	
				2 → 2	2				
				3 → 3	3				
				4 → 4	4				

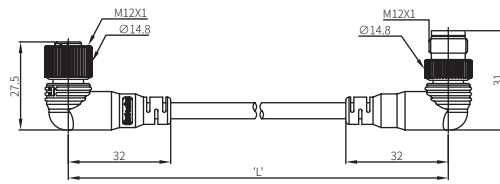
■ Dimensions

- 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)

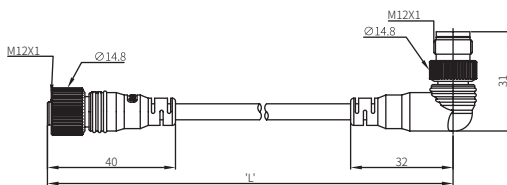
• Socket-Female : Plug-Male



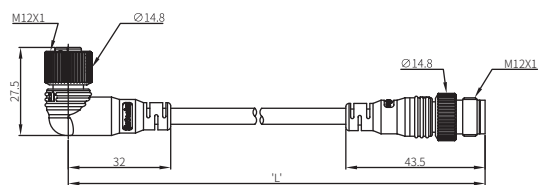
• Socket-Female, L type : Plug-Male, L type



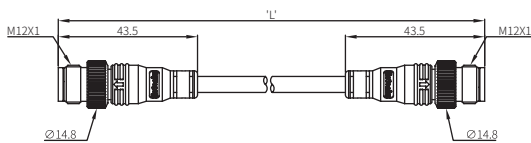
• Socket-Female : Plug-Male, L type



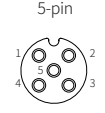
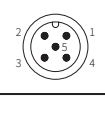
• Socket-Female, L type : Plug-Male



• Plug-Male : Plug-Male



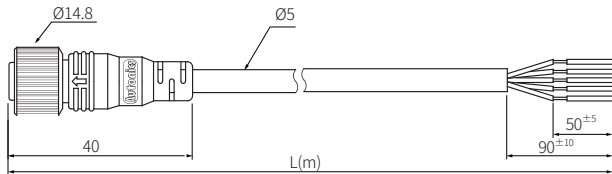
M12 Connector 5-Pin

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 border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <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> <tr><td>5</td><td>→ Yellow</td></tr> </tbody> </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)		5-wire	AWG 26 (0.08 mm, 28-core), Insulator diameter: Ø0.74 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <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> <tr><td>5</td><td>→ Yellow</td></tr> </tbody> </table>	Pin no.	Wiring	1	→ Brown	2	→ White	3	→ Blue	4	→ Black	5	→ Yellow	1 m	PVC	Safety non-contact door switches	CID5-1P
						Pin no.	Wiring														
						1	→ Brown														
2						→ White															
3						→ Blue															
4						→ Black															
5						→ Yellow															
2 m	CID5-2P																				
3 m	CID5-3P																				
5 m	CID5-5P																				
7 m	CID5-7P																				

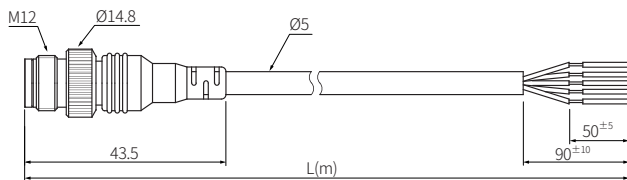
■ Dimensions

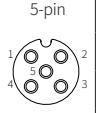
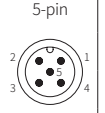
• Unit: mm, For the detailed drawings, follow the Autonics website.

• Socket-Female



• Plug-Male

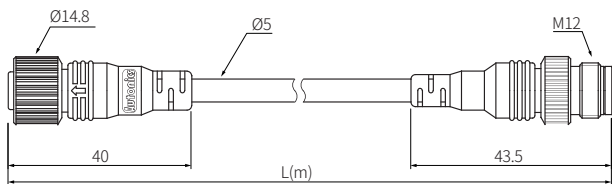


Power	Connector 1		Connector 2	Connection	Length	Feature	Application	Model													
DC	M12 (Socket-Female)		M12 (Plug-Male)		<table border="1"> <thead> <tr> <th>Connector 1 Pin no.</th> <th>Connector 2 Pin no.</th> </tr> </thead> <tbody> <tr><td>1</td><td>→ 1</td></tr> <tr><td>2</td><td>→ 2</td></tr> <tr><td>3</td><td>→ 3</td></tr> <tr><td>4</td><td>→ 4</td></tr> <tr><td>5</td><td>→ 5</td></tr> </tbody> </table>	Connector 1 Pin no.	Connector 2 Pin no.	1	→ 1	2	→ 2	3	→ 3	4	→ 4	5	→ 5	1 m	PVC	Safety non-contact door switches	CID5-1
					Connector 1 Pin no.	Connector 2 Pin no.															
					1	→ 1															
					2	→ 2															
					3	→ 3															
					4	→ 4															
5	→ 5																				
2 m	CID5-2																				
3 m	CID5-3																				
5 m	CID5-5																				
7 m	CID5-7																				

■ Dimensions

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

• Socket-Female : Plug-Male



M12 Connector 8-Pin

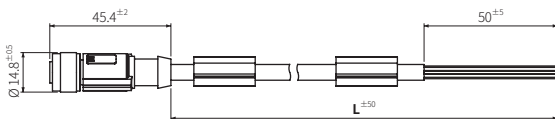
Power	Connector 1	Connector 2	Wire spec.	Connection	Length	Feature	Application	Model																			
DC	M12 (Socket-Female)	8-pin	8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Color</th> </tr> </thead> <tbody> <tr><td>1</td><td>White</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> </tbody> </table>	Pin no.	Color	1	White	2	Brown	3	Green	4	Yellow	5	Gray	6	Pink	7	Blue	8	Red	2 m	<ul style="list-style-type: none"> • 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																									
	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), L type	8-pin	8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Color</th> </tr> </thead> <tbody> <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> </tbody> </table>	Pin no.	Color	1	Blue	2	Orange	3	Yellow	4	Red	5	Pink	6	Black	7	White	8	Brown	3 m	Transmitter	PUR or PVC	Safety light curtains ⁰¹⁾	CID8-3T
				Pin no.	Color																						
				1	Blue																						
				2	Orange																						
				3	Yellow																						
				4	Red																						
5	Pink																										
6	Black																										
7	White																										
8	Brown																										
Receiver	CID8-3R																										
5 m	Transmitter	CID8-5T																									
Receiver	CID8-5R																										
7 m	Transmitter	CID8-7T																									
Receiver	CID8-7R																										
M12 (Socket-Female)	8-pin	8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Color</th> </tr> </thead> <tbody> <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> </tbody> </table>	Pin no.	Color	1	Blue	2	Orange	3	Yellow	4	Red	5	Pink	6	Black	7	White	8	Brown	10 m	Transmitter	PUR or PVC	Safety light curtains ⁰¹⁾	CID8-10T
				Pin no.	Color																						
1	Blue																										
2	Orange																										
3	Yellow																										
4	Red																										
5	Pink																										
6	Black																										
7	White																										
8	Brown																										
Receiver	CID8-10R																										

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

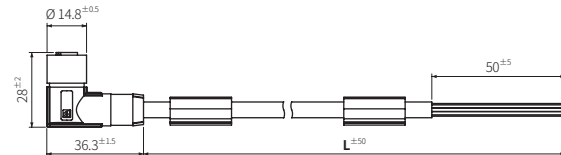
■ Dimensions

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

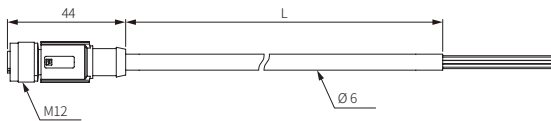
• Socket-Female (for smart cameras, drag chain type, PUR)



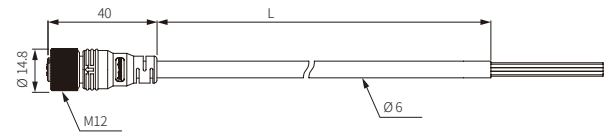
• Socket-Female, L type (for smart cameras, drag chain type, PUR)



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



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



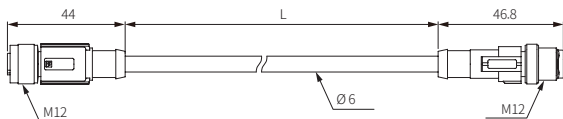
Power	Connector 1	Connector 2	Connection	Length	Feature	Application	Model																				
DC	M12 (Socket-Female)	8-pin	M12 (Plug-Male)	<table border="1"> <thead> <tr> <th>Connector 1 Pin no.</th> <th>Connector 2 Pin no.</th> </tr> </thead> <tbody> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> </tbody> </table>	Connector 1 Pin no.	Connector 2 Pin no.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	3 m	Transmitter	PUR or PVC	Safety light curtains ⁰¹⁾	C1D8-3T
					Connector 1 Pin no.	Connector 2 Pin no.																					
					1	1																					
					2	2																					
					3	3																					
					4	4																					
					5	5																					
					6	6																					
					7	7																					
					8	8																					
					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.

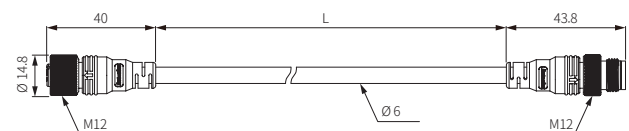
■ Dimensions

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



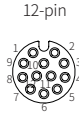
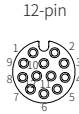
• Socket-Female : Plug-Male (for safety light curtains, PUR)



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



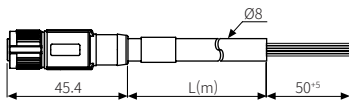
M12 Connector 12-Pin

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 border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <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> </tbody> </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	<ul style="list-style-type: none"> • 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																																	
	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), L type	12-pin 	12-wire	AWG 26 (0.1 mm, 18-core), Insulator diameter: Ø1 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <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> </tbody> </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	<ul style="list-style-type: none"> • Drag chain type (2 million) • IP65 / IP67 • PUR 	LiDAR LSC Series / Vision sensors	CID-2-VG	
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5 m	CID-5-VG																																				
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M12 (Socket-Female)	12-pin 	12-wire	AWG 24 (0.16 mm, 11-core), Insulator diameter: Ø1.15 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <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>Light green</td> </tr> </tbody> </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	Light green	2 m	PVC	LiDAR LSC Series / Vision sensors	CID12-2	
				Pin no.	Wiring	Pin no.	Wiring																														
1	Brown	7	Black																																		
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5	Orange	11	Sky																																		
6	Yellow	12	Light green																																		
5 m	CID12-5																																				
10 m	CID12-10																																				
2 m	CLD12-2																																				
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M12 (Socket-Female), L type	12-pin 	12-wire	AWG 24 (0.16 mm, 11-core), Insulator diameter: Ø1.15 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <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>Light green</td> </tr> </tbody> </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	Light green	2 m	PVC	LiDAR LSC Series / Vision sensors	CID12-2	
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5 m	CID12-5																																				
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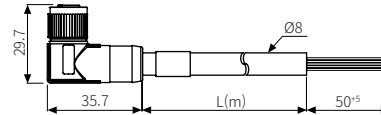
■ Dimensions

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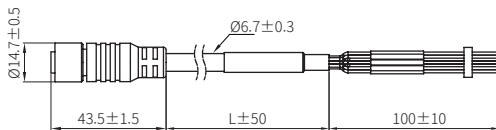
• Socket-Female (drag chain type, PUR)



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



• Socket-Female (PVC)



• Socket-Female, L type (PVC)

