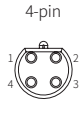
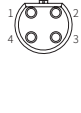
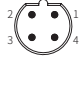
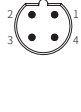


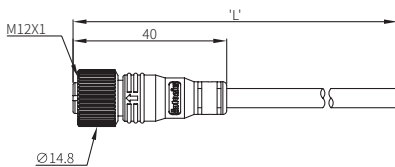
M8/M12 Connector Cable

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														
	2 m	Oil resistant PVC	CIAH2-2														
	5 m	Oil resistant PVC	CIAH2-5														
	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>2</td> <td rowspan="2">→ Blue</td> </tr> <tr> <td>3</td> </tr> </table>	Pin no.	Wiring	2	→ Blue	3	2 m	PVC	CLA2-2				
						Pin no.	Wiring										
						2	→ Blue										
3																	
3 m	PVC	CLA2-3															
5 m	Oil resistant PVC	CLA2-5															
5 m	Oil resistant PVC	CLAH2-2															
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	CIA2-2P		
					Pin no.	Wiring											
					1	→ Brown											
					4												
2	→ Blue																
3																	
5 m	Oil resistant PVC	CIA2-5P															
2 m	Oil resistant PVC	CIAH2-2P															
5 m	Oil resistant PVC	CIAH2-5P															
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>2</td> <td rowspan="2">→ Blue</td> </tr> <tr> <td>3</td> </tr> </table>	Pin no.	Wiring	2	→ Blue	3	2 m	PVC	CLA2-2P					
					Pin no.	Wiring											
					2	→ Blue											
					3												
5 m	Oil resistant PVC	CLA2-5P															
2 m	Oil resistant PVC	CLAH2-2P															
5 m	Oil resistant PVC	CLAH2-5P															

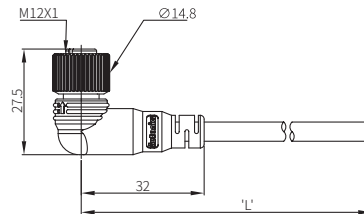
■ Dimensions

- 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)

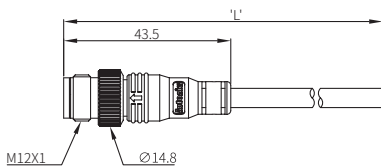
• Socket-Female



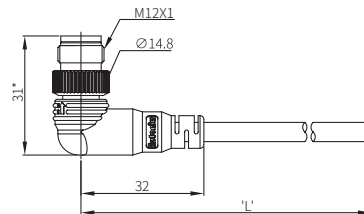
• Socket-Female, L type



• Plug-Male



• Plug-Male, L type



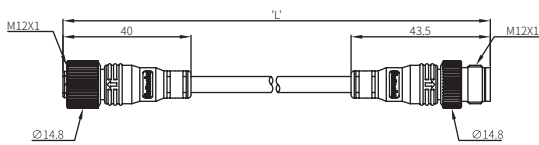
* Oil resistant PVC Model: 31.3

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>	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	M12 (Plug-Male), L type		5 m	C1A4-5												
	M12 (Socket-Female)	4-pin		M12 (Plug-Male), L type	4-pin	2 m	C2A4-2										
						5 m	C2A4-5										
	M12 (Socket-Female), L type	4-pin		M12 (Plug-Male)	4-pin	2 m	C3A4-2										
5 m			C3A4-5														
M12 (Plug-Male)	4-pin	M12 (Plug-Male)	4-pin	2 m	C4A4-2												
				5 m	C4A4-5												

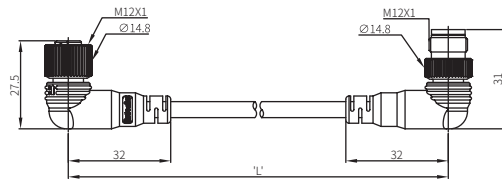
■ Dimensions

- 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)

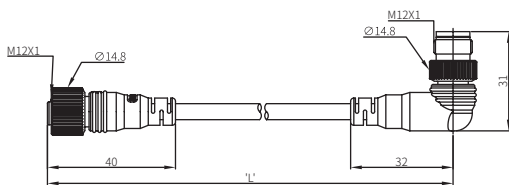
• Socket-Female : Plug-Male



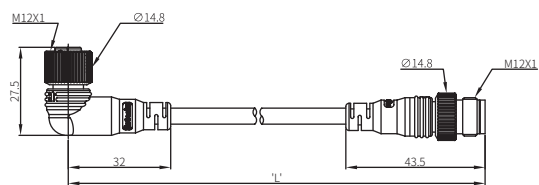
• Socket-Female, L type : Plug-Male, L type



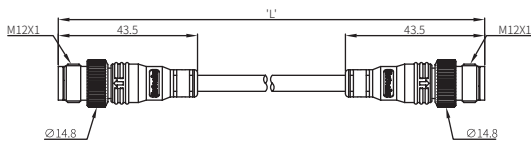
• Socket-Female : Plug-Male, L type




• Socket-Female, L type : Plug-Male



• Plug-Male: Plug-Male



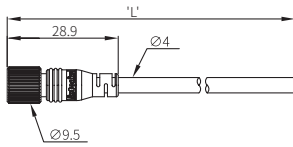
M8 Connector 4-Pin

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	2 m	PVC	Photoelectric sensors/ Proximity sensors	CID408-2											
					5 m			CID408-5											
					2 m	Oil resistant PVC		CIDH408-2											
					5 m			CIDH408-5											
	M8 (Socket-Female), L type				<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	2 m	PVC	CLD408-2
						Pin no.		Wiring											
						1		Brown											
						2		White											
3	Blue																		
4	Black																		
5 m	CLD408-5																		
2 m	Oil resistant PVC	CLDH408-2																	
5 m		CLDH408-5																	

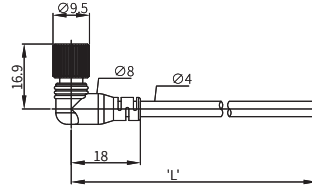
■ Dimensions

- 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

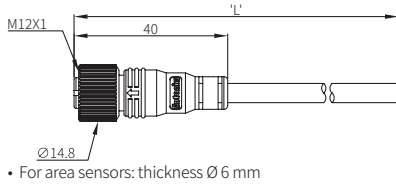
Power	Connector 1	Connector 2	Wire spec.	Connection	Length	Feature	Application	Model										
DC	M12 (Socket-Female)	4-pin 2-wire 	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>_____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

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																	

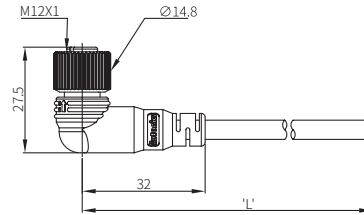
■ Dimensions

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

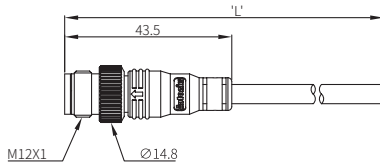
• Socket-Female



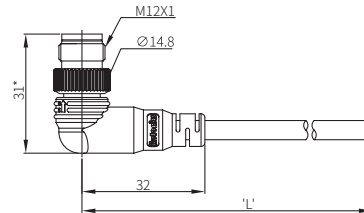
• Socket-Female, L type





• Plug-Male



• Plug-Male, L type



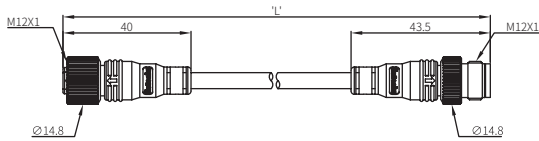
* Oil resistant PVC model: 31.3

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	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			
				2 m	PVC	C1D4-2P		
				5 m		C1D4-5P		

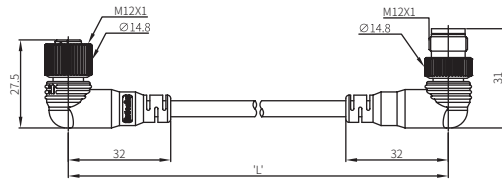
■ Dimensions

- 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)

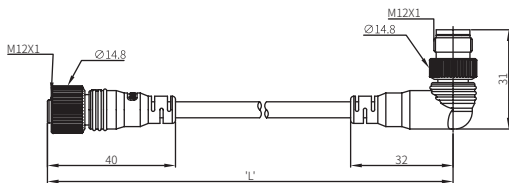
• Socket-Female : Plug-Male



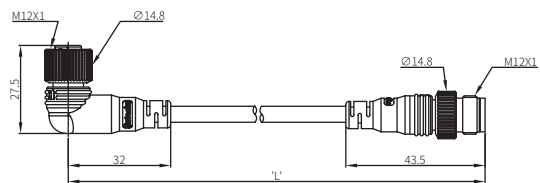
• Socket-Female, L type : Plug-Male, L type



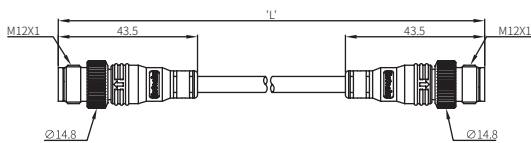
• Socket-Female : Plug-Male, L type



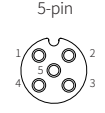
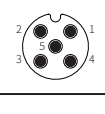
• Socket-Female, L type : Plug-Male



• Plug-Male : Plug-Male



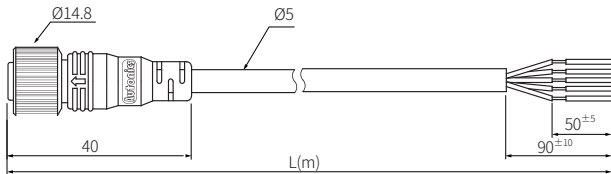
M12 Connector 5-Pin

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																				

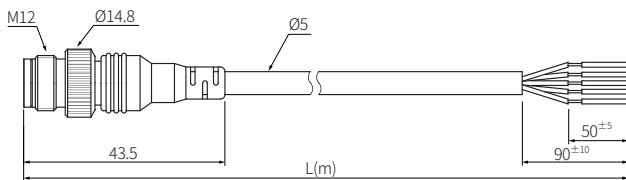
■ Dimensions

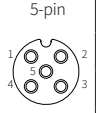
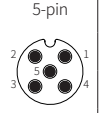
- Unit: mm, For the detailed drawings, follow the Autonics website.

• Socket-Female



• Plug-Male

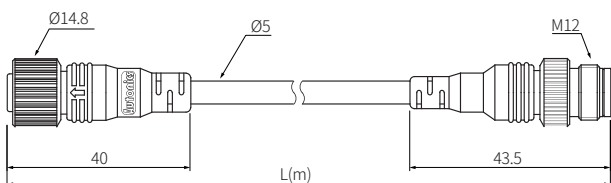


Power	Connector 1		Connector 2	Connection	Length	Feature	Application	Model													
DC	M12 (Socket-Female)		M12 (Plug-Male)		<table border="1"> <thead> <tr> <th>Connector 1 Pin no.</th> <th>Connector 2 Pin no.</th> </tr> </thead> <tbody> <tr><td>1</td><td>→ 1</td></tr> <tr><td>2</td><td>→ 2</td></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	Specification	
DC	M12 (Socket-Female)	8-pin	8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	Pin no. → Color	2 m	Drag chain type 	Smart cameras ⁰¹⁾	CIDM8-2-A	1522901/PUR/2.0-Phoenixcontact
					1 → White					
	2 → Brown	5 m	CIDM8-5-A	1522888-Phoenixcontact						
	3 → Green									
	4 → Yellow	10 m	CIDM8-10-A	1522891-Phoenixcontact						
	5 → Gray									
	6 → Pink	2 m	CLDM8-2-A	1522956/PUR/2.0-Phoenixcontact						
	7 → Blue									
	8 → Red	5 m	CLDM8-5-A	1522930-Phoenixcontact						
		10 m	CLDM8-10-A	1522943-Phoenixcontact						
	M12 (Socket-Female)	8-pin	8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	Pin no. → Color	3 m	Safety light curtains ⁰²⁾	Material PUR / PVC	CID8-3T	CID8-3R
1 → Blue										
2 → Orange	5 m	CID8-5T	CID8-5R							
3 → Yellow										
4 → Red	7 m	CID8-7T	CID8-7R							
5 → Pink										
6 → Black	10 m	CID8-10T	CID8-10R							
7 → White										
8 → Brown										

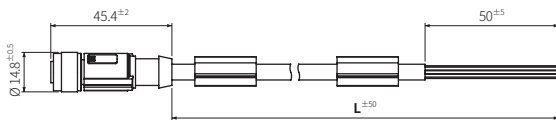
01) The cable for smart cameras are marked the specification.

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

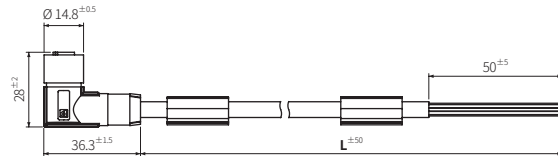
■ Dimensions

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

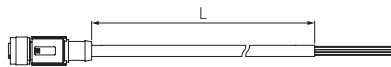
• Socket-Female (for smart cameras)



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



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



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



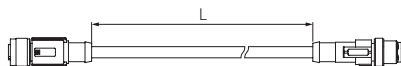
Power	Connector 1	Connector 2	Connection	Length	Feature	Application	Model	Specification			
DC	M12 (Socket-Female)	M12 (Plug-Male)	8-pin → 8-pin	Connector 1 Pin no. → Connector 2 Pin no.	3 m	Safety light curtains ⁰¹⁾	Material PUR / PVC	CID8-3T	CID8-3R		
				1 → 1							
				2 → 2	5 m					CID8-5T	CID8-5R
				3 → 3							
				4 → 4	7 m					CID8-7T	CID8-7R
				5 → 5							
				6 → 6	10 m					CID8-10T	CID8-10R
				7 → 7							
				8 → 8	15 m					CID8-15T	CID8-15R
					20 m					CID8-20T	CID8-20R

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

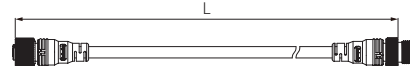
■ Dimensions

• 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)



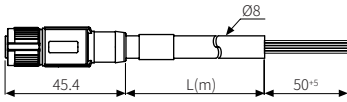
M12 Connector 12-Pin

Power	Connector 1	Connector 2	Wire spec.	Connection	Length	Application	Model																												
DC	M12 (Socket-Female)	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	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																																		
M12 (Socket-Female), L type	2 m	CLD-2-VG																																	
	5 m	CLD-5-VG																																	
	10 m	CLD-10-VG																																	

■ 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

