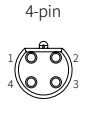
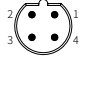


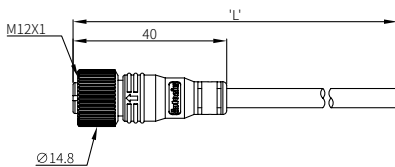
M8/M12 Connector Cable

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 m	PVC	CLA2-2									
						3 m	PVC	CLA2-3									
						5 m	Oil resistant PVC	CLA2-5									
					2 m	Oil resistant PVC	CLAH2-2										
					5 m	Oil resistant PVC	CLAH2-5										
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	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 m	PVC	CLA2-2P										
					5 m	Oil resistant PVC	CLA2-5P										
					2 m	Oil resistant PVC	CLAH2-2P										
					5 m	Oil resistant PVC	CLAH2-5P										

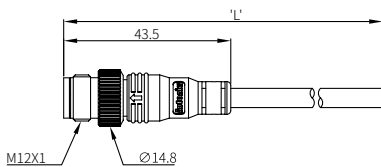
■ Dimensions

- 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)

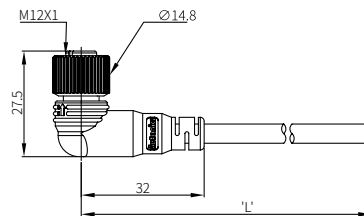
• Socket-Female



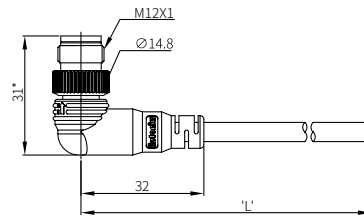
• Plug-Male








• Socket-Female, L type



• Plug-Male, L type



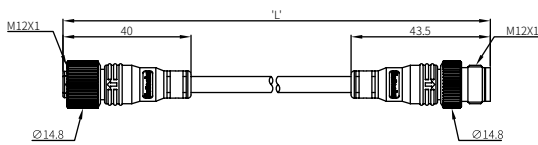
* Oil resistant PVC Model: 31.3

Power	Connector 1	Connector 2	Connection	Length	Feature	Application	Model										
AC	M12 (Socket-Female)	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	M12 (Plug-Male), L type		5 m	C1A4-5												
	M12 (Socket-Female)	4-pin 		4-pin 	2 m	C2A4-2											
					5 m	C2A4-5											
	M12 (Socket-Female), L type	M12 (Plug-Male), L type		2 m	C3A4-2												
5 m			C3A4-5														
M12 (Plug-Male)	4-pin 	4-pin 	2 m	C4A4-2													
			5 m	C4A4-5													
M12 (Plug-Male)	4-pin 	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	C1A4-2P		
				Connector 1 Pin no.	Connector 2 Pin no.												
2	2																
3	3																
1	1																
4	4																
				5 m	C1A4-5P												

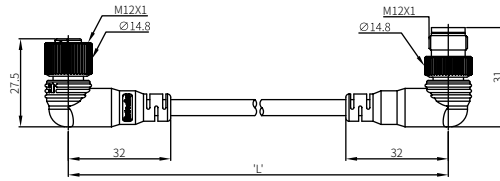
■ Dimensions

- 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)

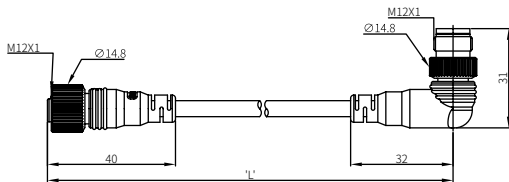
• Socket-Female : Plug-Male



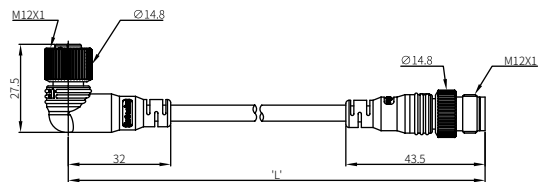
• Socket-Female, L type : Plug-Male, L type



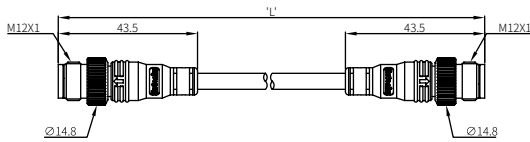
• Socket-Female : Plug-Male, L type




• Socket-Female, L type : Plug-Male



• Plug-Male: Plug-Male



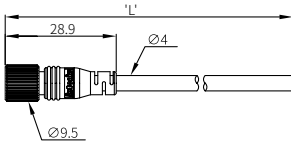
M8 Connector 4-Pin

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					2 m		PVC	CLD408-2
						5 m			CLD408-5
						2 m		Oil resistant PVC	CLDH408-2
						5 m			CLDH408-5

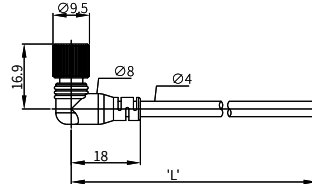
■ Dimensions

- 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

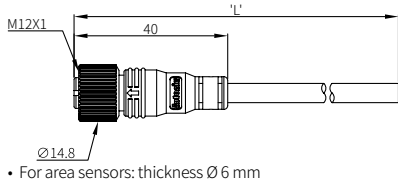
Power	Connector 1	Connector 2	Wire spec.	Connection	Length	Feature	Application	Model										
DC	M12 (Socket-Female)	4-pin 2-wire 	AWG 22 (0.08 mm, 60-core), Insulator diameter: Ø1.3 mm	<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Wiring</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>_____</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																
	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	Oil resistant PVC	CID2-5-I														
		2 m	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	Oil resistant 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"> <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	5 m	PVC		CID2-5P
					Pin no.	Wiring												
	1				_____													
	2				_____													
	3	→ Blue																
	4	→ Brown																
	M12 (Plug-Male), L type	2 m	Oil resistant PVC	CIDH2-2P														
		5 m	PVC	CIDH2-5P														
	M12 (Plug-Male), L type	2 m	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"> <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		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	Oil resistant PVC	CIDH3-5														
		2 m	PVC	CLD3-2														
	M12 (Socket-Female), L type	5 m	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"> <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	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 (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	CIDH4-2P		
				Pin no.	Wiring													
1				→ Brown														
2				→ White														
3	→ Blue																	
4	→ Black																	
M12 (Plug-Male), L type	3 m	Oil resistant PVC	CIDH4-3P															
	5 m	Oil resistant PVC	CIDH4-5P															
M12 (Plug-Male), L type	7 m	Oil resistant PVC	CIDH4-7P															
	2 m	Oil resistant PVC	CLDH4-2P															
M12 (Plug-Male), L type	3 m	Oil resistant PVC	CLDH4-3P															
	5 m	Oil resistant PVC	CLDH4-5P															
M12 (Plug-Male), L type	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) Gray (receiver)	Area sensors BW Series / BWC Series	CID4-3T CID4-3R
						Pin no.	Wiring												
						1	→ Brown												
						2	→ White												
						3	→ Blue												
						4	→ Black												
						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																	

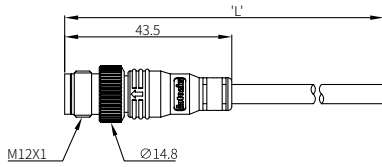
■ Dimensions

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

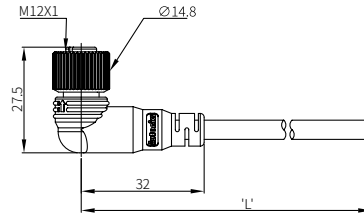
• Socket-Female



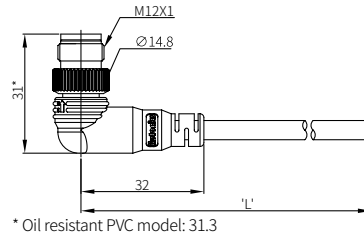
• Plug-Male









• Socket-Female, L type



• Plug-Male, L type

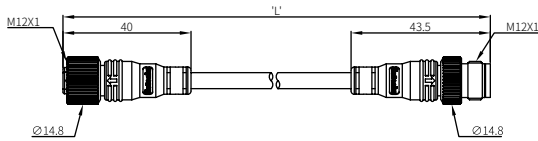


Power	Connector 1	Connector 2	Connection	Length	Feature	Application	Model		
DC	M12 (Socket-Female)	4-pin 	M12 (Plug-Male)	4-pin 	Connector 1 Pin no. → Connector 2 Pin no.	2 m	PVC	C1D4-2	
	M12 (Socket-Female), L type		M12 (Plug-Male), L type		1 → 1	5 m		C1D4-5	
	M12 (Socket-Female)		M12 (Plug-Male), L 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				
	M12 (Socket-Female)	4-pin 	M12 (Plug-Male)	4-pin 		1 m		Oil resistant PVC	C1DH4-1
						3 m			C1DH4-3
	M12 (Socket-Female), L type		M12 (Plug-Male), L type		Connector 1 Pin no. → Connector 2 Pin no.	5 m	C1DH4-5		
					1 → 1	7 m	C1DH4-7		
					2 → 2	1 m	C2DH4-1		
	M12 (Socket-Female)		M12 (Plug-Male), L type		3 → 3	3 m	C2DH4-3		
					4 → 4	5 m	C2DH4-5		
						7 m	C2DH4-7		
	M12 (Socket-Female), L type	M12 (Plug-Male)		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)	4-pin 	M12 (Plug-Male)	4-pin 	Connector 1 Pin no. → Connector 2 Pin no.	2 m	PVC	C1D4-2P		
				1 → 1	5 m		C1D4-5P		
				2 → 2					
				3 → 3					
				4 → 4					

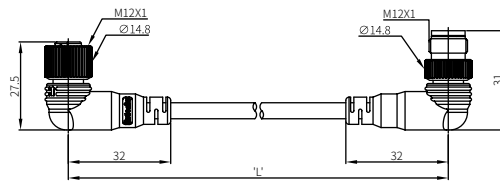
■ Dimensions

- 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)

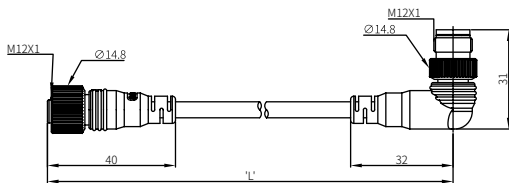
• Socket-Female : Plug-Male



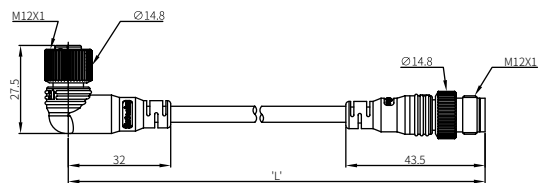
• Socket-Female, L type : Plug-Male, L type



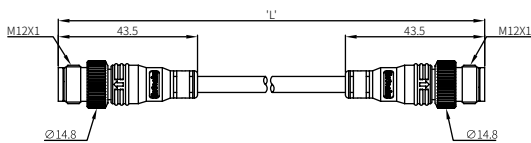
• Socket-Female : Plug-Male, L type



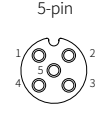
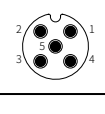
• Socket-Female, L type : Plug-Male



• Plug-Male : Plug-Male



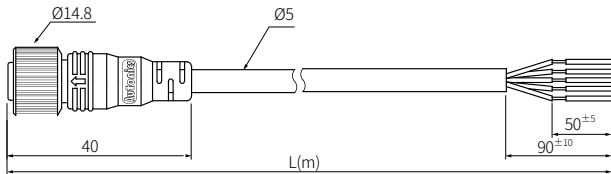
M12 Connector 5-Pin

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)		1 m	CID5-1P																	
			2 m	CID5-2P																	
			3 m	CID5-3P																	
5 m			CID5-5P																		
7 m			CID5-7P																		

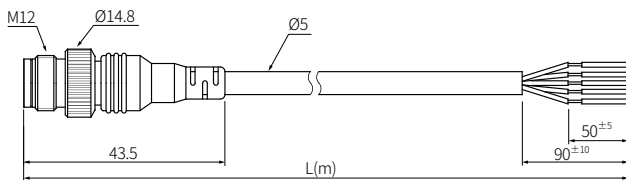
■ Dimensions

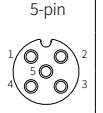
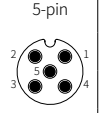
- Unit: mm, For the detailed drawings, follow the Autonics website.

• Socket-Female



• Plug-Male

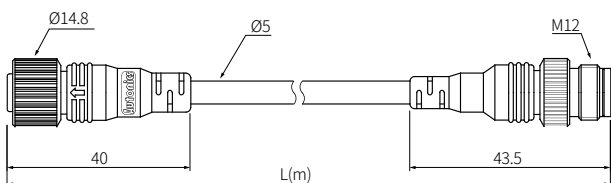


Power	Connector 1		Connector 2	Connection		Length	Feature	Application	Model	
DC	M12 (Socket-Female)		M12 (Plug-Male)		Connector 1 Pin no.	Connector 2 Pin no.	1 m	PVC	Safety non-contact door switches	CID5-1
					1	→ 1	2 m			CID5-2
					2	→ 2	3 m			CID5-3
					3	→ 3	5 m			CID5-5
					4	→ 4	7 m			CID5-7
					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	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						5 m
					2 → Brown						
					3 → Green						
					4 → Yellow						
					5 → Gray						
	6 → Pink	2 m									
	7 → Blue										
	8 → Red	5 m	CIDM8-5-A	1522888-Phoenixcontact							
		10 m			CIDM8-10-A	1522891-Phoenixcontact					
	M12 (Socket-Female), L type	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
					1 → White	5 m					
2 → Brown											
3 → Green											
4 → Yellow											
5 → Gray											
6 → Pink	2 m										
7 → Blue											
8 → Red	5 m	CLDM8-5-A	1522930-Phoenixcontact								
	10 m			CLDM8-10-A	1522943-Phoenixcontact						
DC	M12 (Socket-Female)	8-pin	8-wire			AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	Pin no. → Color	3 m	Transmitter	Safety light curtains ⁰²⁾	Material PUR / PVC
				1 → Blue	Receiver						
				2 → Orange			5 m	Transmitter			
				3 → Yellow	Receiver						
				4 → Red			7 m	Transmitter			
				5 → Pink	Receiver						
				6 → Black			10 m	Transmitter			
				7 → White	Receiver						
				8 → Brown							

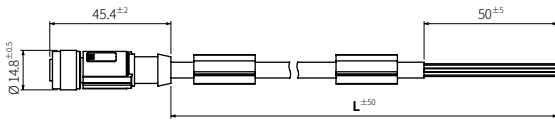
01) The cable for smart cameras are marked the specification.

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

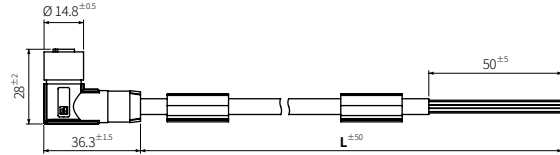
■ Dimensions

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

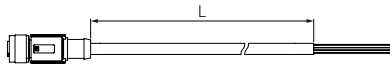
• Socket-Female (for smart cameras)



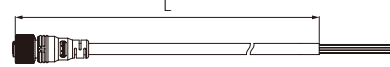
• Socket-Female, L type (for smart cameras)



• 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)	Connector 1 Pin no. → Connector 2 Pin no.	3 m	Transmitter	Safety light curtains ⁰¹⁾	Material PUR / PVC	C1D8-3T		
			1 → 1						Receiver	
			2 → 2							
			3 → 3						5 m	Transmitter
			4 → 4							
			5 → 5						7 m	Transmitter
			6 → 6							
			7 → 7						10 m	Transmitter
			8 → 8							
									15 m	Transmitter
									20 m	Transmitter
	Receiver									

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

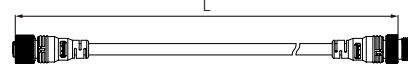
■ Dimensions

• 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)



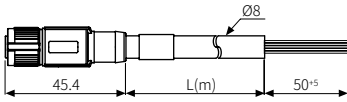
M12 Connector 12-Pin

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	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																																		
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

