

M12 Connector 8-Pin

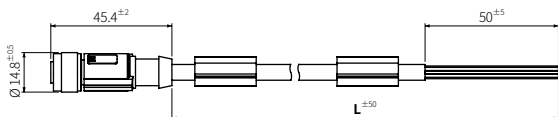
Power	Connector 1		Connector 2	Wire spec.	Connection	Length	Feature		Application	Model																		
DC	M12 (Socket-Female)		8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	<table><tr><th>Pin no.</th><th>Color</th></tr><tr><td>1 →</td><td>White</td></tr><tr><td>2 →</td><td>Brown</td></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 • 	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																											
	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	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																						
					Transmitter	CID8-5T																						
		Receiver	CID8-5R																									
		Transmitter	CID8-7T																									
		Receiver	CID8-7R																									
		Transmitter	CID8-10T																									
		Receiver	CID8-10R																									

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

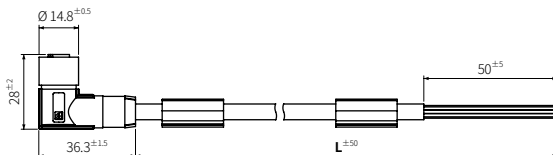
■ Dimensions

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

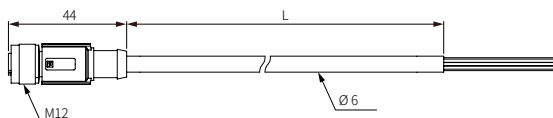
• **Socket-Female (for smart cameras, drag chain type, PUR)**



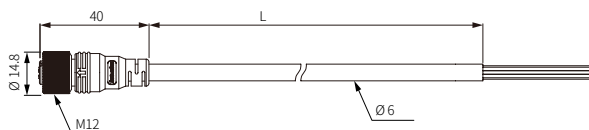
• **Socket-Female, L type (for smart cameras, drag chain type, PUR)**



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



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



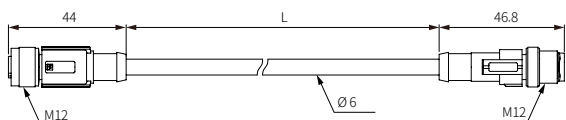
Power	Connector 1		Connector 2	Connection		Length	Feature		Application	Model																		
DC	M12 (Socket-Female)		M12 (Plug-Male)		<table><tr><th>Connector 1 Pin no.</th><th>Connector 2 Pin no.</th></tr><tr><td>1</td><td>→ 1</td></tr><tr><td>2</td><td>→ 2</td></tr><tr><td>3</td><td>→ 3</td></tr><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></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
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	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)**

