

M12 Connector 8-Pin

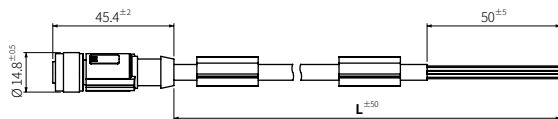
Power	Connector 1		Connector 2	Wire spec.	Connection		Length	Feature		Application	Model
DC	M12 (Socket-Female)		8-wire	AWG 24 (0.1 mm, 32-core), Insulator diameter: Ø1.17 mm	<u>Pin no.</u>	<u>Color</u>	2 m	• Drag chain type (2 million) • IP65 / IP67 • PUR • 	Smart cameras	CIDM8-2-A	
	1				→ White	5 m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

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

■ Dimensions

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

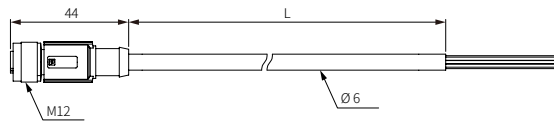
• **Socket-Female (for smart cameras, drag chain type, PUR)**



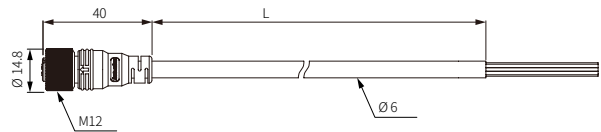
• **Socket-Female, L type (for smart cameras, drag chain type, PUR)**



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



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



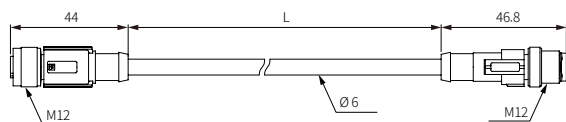
Power	Connector 1		Connector 2	Connection		Length	Feature		Application	Model																		
DC	M12 (Socket-Female)		M12 (Plug-Male)		<table><tr><th>Connector 1 Pin no.</th><th>Connector 2 Pin no.</th></tr><tr><td>1</td><td>→ 1</td></tr><tr><td>2</td><td>→ 2</td></tr><tr><td>3</td><td>→ 3</td></tr>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

