

Photoelectric/Proximity Sensor Connector Cable

Photoelectric/Proximity Sensor Connector Cable / Connector Connection Cable

■ Ordering Information

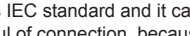
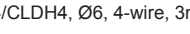
◎ Connector cable

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Photoelectric/Proximity Sensor Connector Cable

■ Connector Cable

◎ M12 Connector

Appearance			Model	Length	Cable material		
DC 2-wire type	Socket type		C D2-2	2m			
			C D2-2-I ^{※1}				
		Plug type		C D2-5		5m	
				C D2-5-I ^{※1}			
	Socket type <td></td> <td>CLD2-2</td> <td rowspan="2">2m</td>			CLD2-2		2m	
				CLD2-2-I ^{※1}			
		Plug type		CLD2-5		5m	
				CLD2-5-I ^{※1}			
DC 3-wire type	Socket type			CID3-2		2m	
				CID3-5		5m	
			CLD3-2	2m			
			CLD3-5	5m			
	Plug type		CID3-2P	2m			
			CLD3-2P	2m			
		DC 4-wire type	Socket type			CIDH4-2	2m
						CIDH4-3	3m
	CIDH4-5			5m			
	CIDH4-7			7m			
	CLDH4-2			2m			
	CLDH4-3			3m			
	CLDH4-5			5m			
	CLDH4-7			7m			
Plug type			CIDH4-2P	2m			
			CIDH4-3P	3m			
			CIDH4-5P	5m			
			CIDH4-7P	7m			
			CLDH4-2P	2m			
			CLDH4-3P	3m			
			CLDH4-5P	5m			
			CLDH4-7P	7m			
AC 2-wire type	Socket type		CIA2-2	2m			
			CIA2-5	5m			
			CIAH2-2	2m			
			CIAH2-5	5m			
			CLA2-2	2m			
			CLA2-5	5m			
			CLAH2-2	2m			
			CLAH2-5	5m			
	Plug type		CIA2-2P	2m			
			CIA2-5P	5m			
			CIAH2-2P	2m			
			CIAH2-5P	5m			
			CLA2-2P	2m			
			CLA2-5P	5m			
			CLAH2-2P	2m			
			CLAH2-5P	5m			

※1: This is IEC standard and it can be customized.

※Be careful of connection, because color is different when DC 4-wire connector cable is used for DC 2-wire sensor.

■ Specifications Of Connector Cable

Ø5, 2/3/4-wire, 2m/3m/5m/7m (AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.3mm)

For, CIDH4/CLDH4, Ø6, 4-wire, 3m/5m (AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.65mm)

■ Connector Connection Cable

◎ M12 Connector

Appearance		Model	Length	Cable material
Socket - Plug type	DC type	C1D4-2	2m	PVC
		C1D4-5	5m	
		C1DH4-1	1m	
		C1DH4-3	3m	
		C1DH4-5	5m	
		C1DH4-7	7m	
	AC type	C1A4-2	2m	
		C1A4-5	5m	
	DC type	C2D4-2	2m	
		C2D4-5	5m	
		C2DH4-1	1m	
		C2DH4-3	3m	
		C2DH4-5	5m	
		C2DH4-7	7m	
	AC type	C2A4-2	2m	
		C2A4-5	5m	
	DC type	C3D4-2	2m	
		C3D4-5	5m	
		C3DH4-1	1m	
		C3DH4-3	3m	
		C3DH4-5	5m	
		C3DH4-7	7m	
	AC type	C3A4-2	2m	
		C3A4-5	5m	
	DC type	C4D4-2	2m	
		C4D4-5	5m	
		C4DH4-1	1m	
		C4DH4-3	3m	
		C4DH4-5	5m	
		C4DH4-7	7m	
	AC type	C4A4-2	2m	
		C4A4-5	5m	
Plug - Plug type	DC type	C1D4-2P	2m	
		C1D4-5P	5m	
	AC type	C1A4-2P	2m	
		C1A4-5P	5m	

◎ M8 Connector (connector connection cable)

Appearance		Model	Length	Cable material
DC 4-wire type	Socket type	CID408-2	2m	PVC
		CID408-5	5m	
	Plug type	CLD408-2	2m	
		CLD408-5	5m	

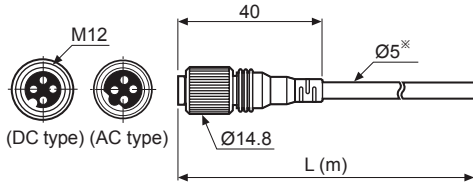
Photoelectric/Proximity Sensor Connector Cable

■ Dimensions

◎ Connector cable (Socket type)

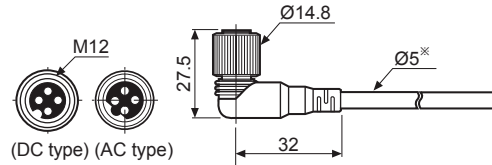
(unit: mm)

- CID2-□, CID2-□-I ● CID3-□ ● CIDH4-□
- CIA2-□, CIAH2-□



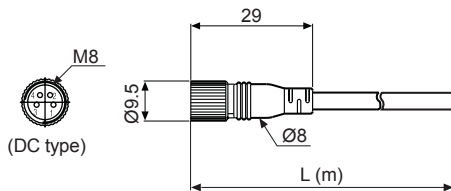
※Cable diameter of CIDH4-□, CIAH2-□ is Ø6.

- CLD2-□, CLD2-□-I ● CLD3-□ ● CLDH4-□
- CLA2-□, CLAH2-□

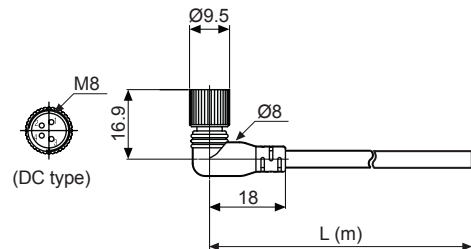


※Cable diameter of CLDH4-□, CLAH2-□ is Ø6.

● CID408-2, CID408-5



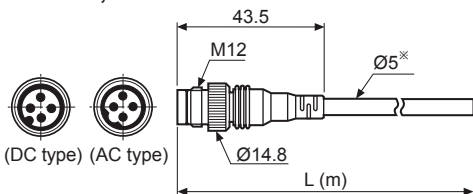
● CLD408-2, CLD408-5



◎ Connector cable (Plug type)

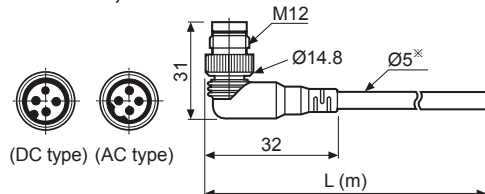
(unit: mm)

- CID2-□P ● CID3-2P ● CIDH4-□P
- CIA2-□P, CIAH2-□P



※Cable diameter of CIDH4-□P, CIAH2-□P is Ø6.

- CLD2-□P ● CLD3-2P ● CLDH4-□P
- CLA2-□P, CLAH2-□P

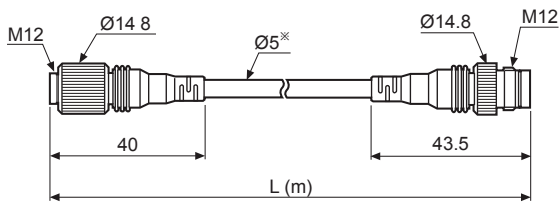


※Cable diameter of CLDH4-□P, CLAH2-□P is Ø6.

◎ Connector connection cable (Socket-Plug type)

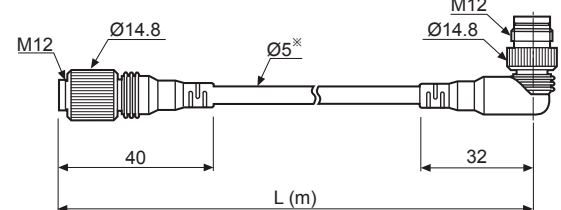
(unit: mm)

● C1□4-□ (Standard type)



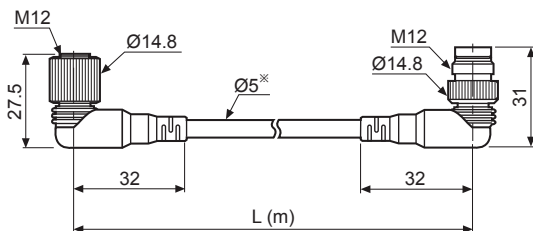
※Cable diameter of C1DH4-□ is Ø6.

● C3□4-□ (Straight type-L type)



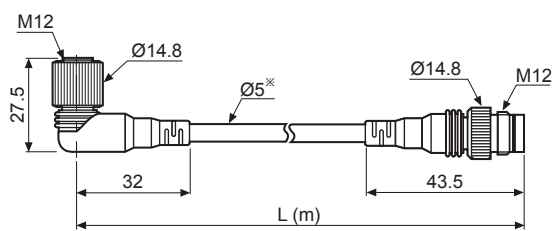
※Cable diameter of C3DH4-□ is Ø6.

● C2□4-□ (L type-L type)



※Cable diameter of C2DH4-□ is Ø6.

● C4□4-□ (L type-Straight type)



※Cable diameter of C4DH4-□ is Ø6.

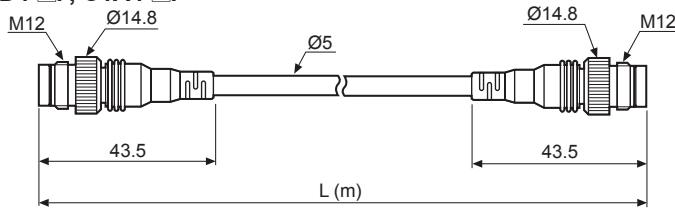
(A)	Photoelectric Sensors
(B)	Fiber Optic Sensors
(C)	Door/Area Sensors
(D)	Proximity Sensors
(E)	Pressure Sensors
(F)	Rotary Encoders
(G)	Connectors/ Connector Cables/ Sensor Distribution Boxes/ Sockets
(H)	Temperature Controllers
(I)	SSRs / Power Controllers
(J)	Counters
(K)	Timers
(L)	Panel Meters
(M)	Tacho / Speed / Pulse Meters
(N)	Display Units
(O)	Sensor Controllers
(P)	Switching Mode Power Supplies
(Q)	Stepper Motors & Drivers & Controllers
(R)	Graphic/ Logic Panels
(S)	Field Network Devices
(T)	Software

Photoelectric/Proximity Sensor Connector Cable

◎ Connector connection cable (Plug-Plug type)

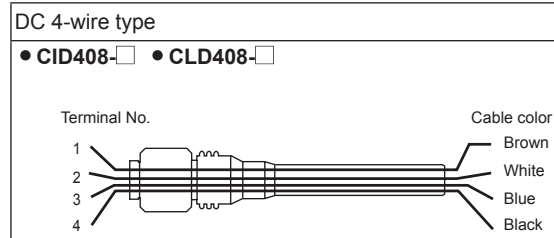
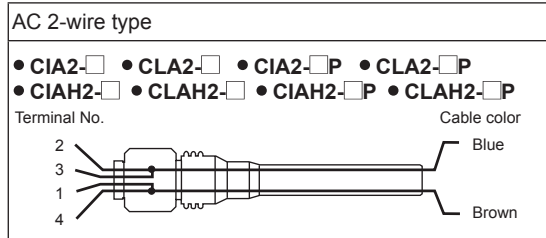
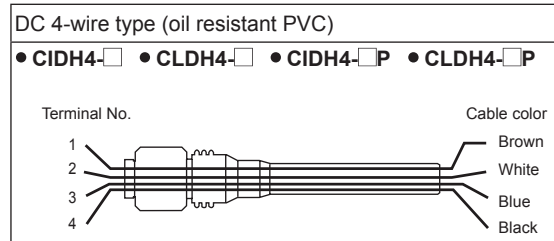
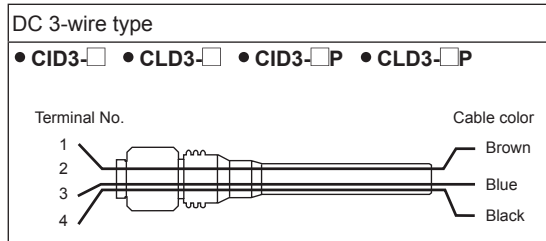
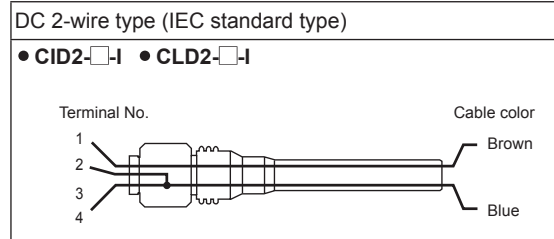
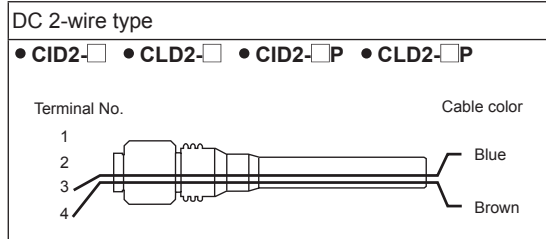
(unit:mm)

● C1D4-□P, C1A4-□P

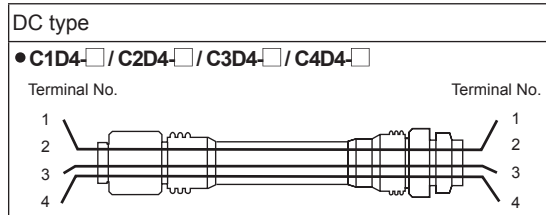


■ Connections

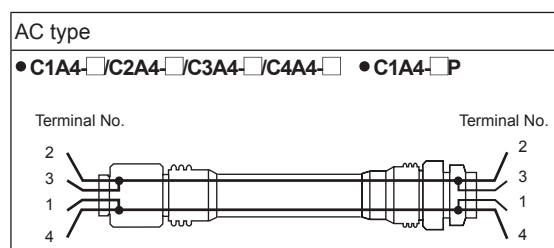
◎ Connector cable



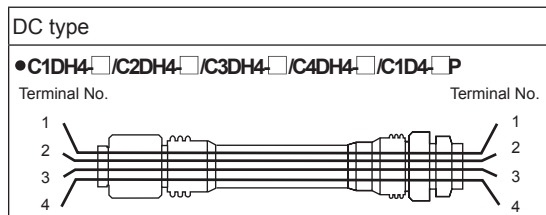
◎ Connector connection cable



※Pin 2 is N-C (Not Connected).



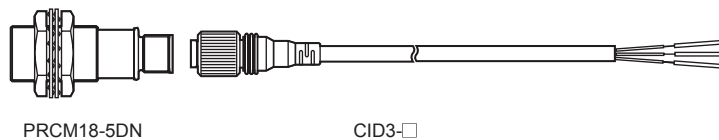
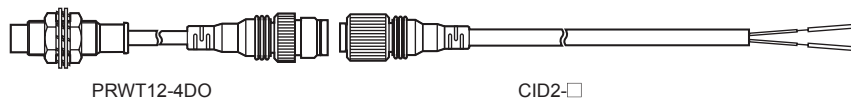
※Pin 2 / 3, 1 / 4 are connected inside.



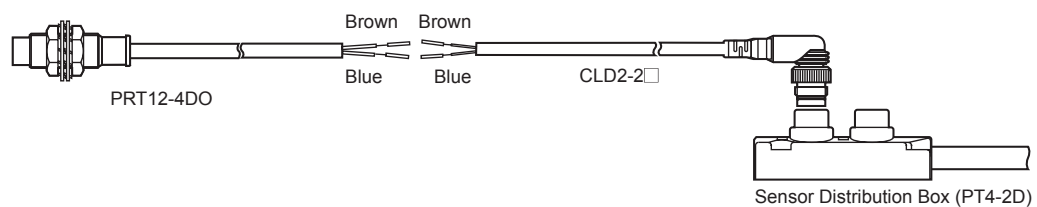
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■ Connector Cable Connections

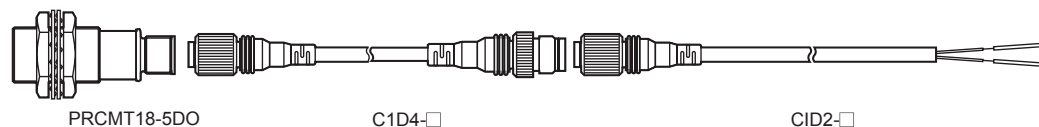
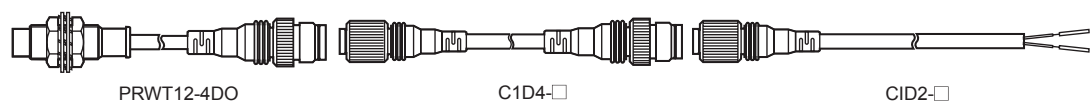
● Connector cable (Socket type)



● Connector cable (Plug type)



● Connector connection cable (Socket-Plug type)



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