

# Photoelectric/Proximity Sensor Connector Cable

## ■ Connector cable

◎M12 Connector

Appearance		Model	Length	Cable material	
DC 2-wire type	Socket type	CID2-2	2m	PVC	
		CID2-2-1 ※			
		CID2-5	5m		
		CID2-5-1 ※			
		Plug type	CLD2-2		2m
			CLD2-2-1 ※		
	CLD2-5		5m		
	CLD2-5-1 ※				
	Plug type	CID2-2P	2m		
		CID2-5P	5m		
		CLD2-2P	2m		
		CLD2-5P	5m		
DC 3-wire type		Socket type	CID3-2	2m	
			CID3-5	5m	
	CLD3-2		2m		
	Plug type	CLD3-5	5m		
		CID3-2P	2m		
		CLD3-2P	2m		
DC 4-wire type	Socket type	CIDH4-3	3m		
		CIDH4-5	5m		
		CLDH4-3	3m		
		CLDH4-5	5m		
	Plug type	CIDH4-3P	3m		
		CIDH4-5P	5m		
		CLDH4-3P	3m		
		CLDH4-5P	5m		
AC 2-wire type	Socket type	CIA2-2	2m		
		CIA2-5	5m		
		CLA2-2	2m		
		CLA2-5	5m		
	Plug type	CIA2-2P	2m		
		CIA2-5P	5m		
		CLA2-2P	2m		
		CLA2-5P	5m		

◎M8 Connector

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

▶ "※" mark indicates IEC standard connection 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.

## ■ Connector connection cable

◎M12 Connector

Appearance		Model	Length	Cable material	
Socket - Plug Type	DC type	C1D4-2	2m	PVC	
		C1D4-5	5m		
		AC type	C1A4-2		2m
			C1A4-5		5m
			C2D4-2		2m
		DC type	C2D4-5		5m
	AC type		C2A4-2		2m
			C2A4-5		5m
	DC type	C3D4-2	2m		
		C3D4-5	5m		
		AC type	C3A4-2		2m
			C3A4-5		5m
DC type			C4D4-2	2m	
		C4D4-5	5m		
	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		

(A) Photo electric sensor

(B) Fiber optic sensor

(C) Door/Area sensor

(D) Proximity sensor

(E) Pressure sensor

(F) Rotary encoder

(G) Connector/Socket

(H) Temp. controller

(I) SSR/Power controller

(J) Counter

(K) Timer

(L) Panel meter

(M) Tacho/Speed/Pulse meter

(N) Display unit

(O) Sensor controller

(P) Switching power supply

(Q) Stepping motor & Driver & Controller

(R) Graphic/Logic panel

(S) Field network device

(T) Production stoppage models & replacement

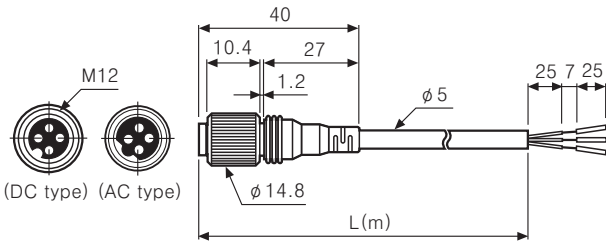
# Photoelectric/Proximity Sensor Connector Cable

## ■ Dimensions

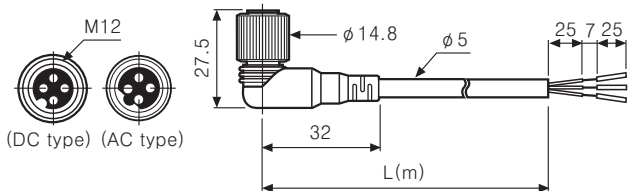
### ◎ Connector cable (Socket type)

(Unit:mm)

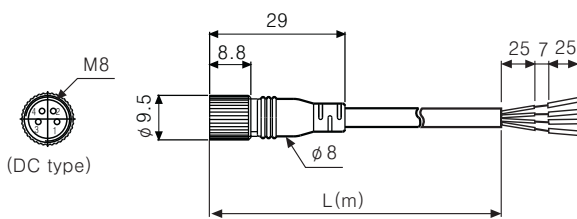
- CID2-□, CID2-□-I ● CID3-□ ● CIA2-□
- CIDH4-□



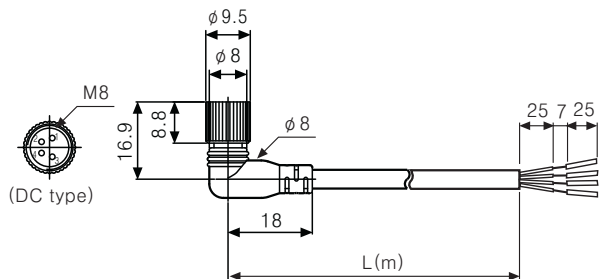
- CLD2-□, CLD2-□-I ● CLD3-□ ● CLA2-□
- CLDH4-□



- CID408-2, CID408-5



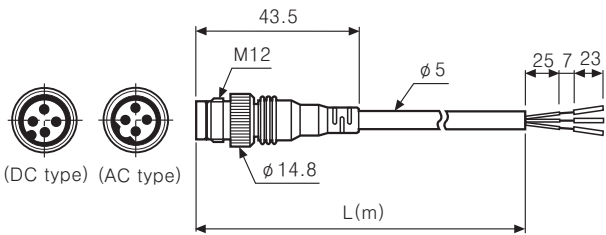
- CLD408-2, CLD408-5



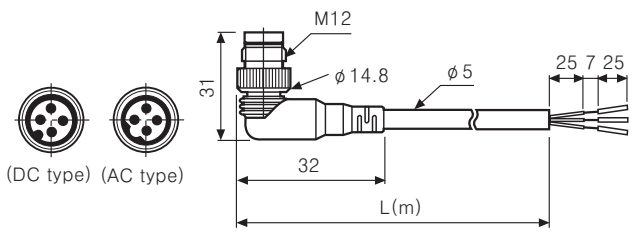
### ◎ Connector cable (Plug type)

(Unit:mm)

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



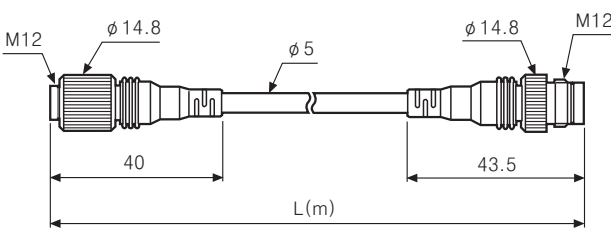
- CLD2-2P ● CLA2-2P ● CLD3-2P ● CLDH4-□P



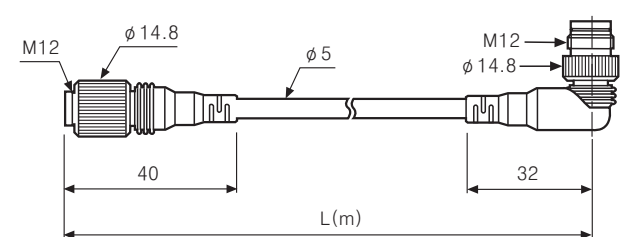
### ◎ Connector connection cable (Socket-Plug type)

(Unit:mm)

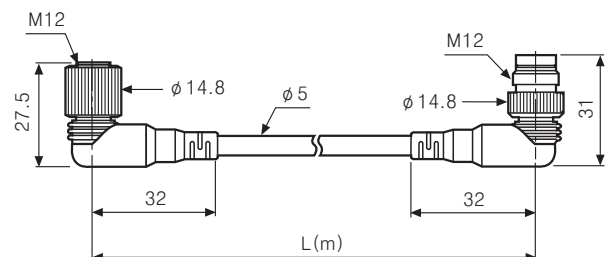
- C1□4-□ (Standard type)



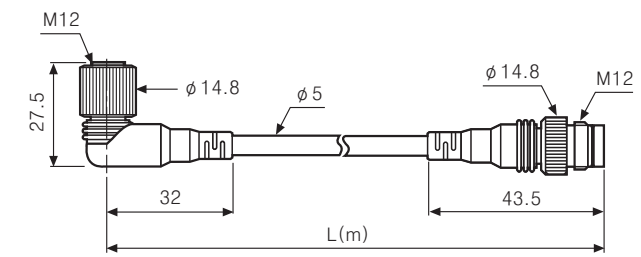
- C3□4-□ (Straight type = L type)



- C2□4-□ (L type = L type)



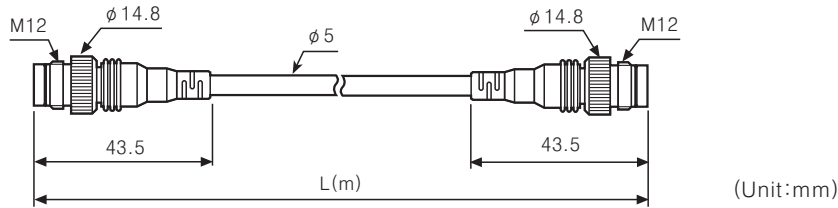
- C4□4-□ (L type = Straight type)



# Photoelectric/Proximity Sensor Connector Cable

◎Connector connection cable(Plug – Plug type)

●C1D4-□P, C1A4-□P



## ■Connections

◎Connector cable

DC 2-wire type(Standard type)	DC 2-wire type(IEC standard type)
<ul style="list-style-type: none"> <li>●CID2-□ ●CID2-2P ●CLD2-□ ●CLD2-2P</li> </ul>	<ul style="list-style-type: none"> <li>●CID2-□-I ●CLD2-□-I</li> </ul>
<p>Terminal No. Cable color</p>	<p>Terminal No. Cable color</p>

DC 3-wire type	DC 4-wire type
<ul style="list-style-type: none"> <li>●CID3-□ ●CID3-2P ●CLD3-□ ●CLD3-2P</li> </ul>	<ul style="list-style-type: none"> <li>●CIA2-□ ●CIA2-2P ●CLA2-□ ●CLA2-2P</li> </ul>
<p>Terminal No. Cable color</p>	<p>Terminal No. Cable color</p>

AC 2-wire type	DC 4-wire type
<ul style="list-style-type: none"> <li>●CIA2-□ ●CLA2-□ ●CIA2-2P ●CLA2-2P</li> </ul>	<ul style="list-style-type: none"> <li>●CID408-□ ●CLD408-□</li> </ul>
<p>Terminal No. Cable color</p>	<p>Terminal No. Cable color</p>

◎Connector connection cable

DC type	AC type
<ul style="list-style-type: none"> <li>●C1D4-□, C2D4-□, C3D4-□, C4D4-□ ●C1D4-□P</li> </ul>	<ul style="list-style-type: none"> <li>●C1A4-□, C2A4-□, C3A4-□, C4A4-□ ●C1A4-□P</li> </ul>
<p>Terminal No. Terminal No.</p>	<p>Terminal No. Terminal No.</p>

※Pin ② is N.C.(Not Connected).

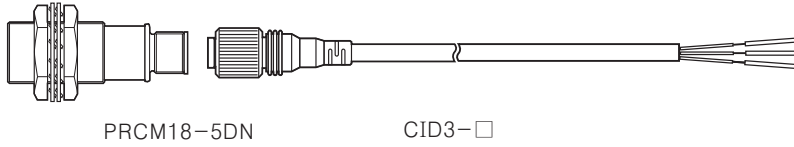
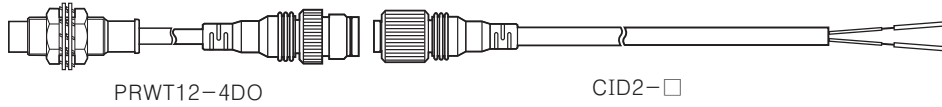
※Pin ② / ③, ① / ④ are connected inside.

(A)	Photo electric sensor
(B)	Fiber optic sensor
(C)	Door/Area sensor
(D)	Proximity sensor
(E)	Pressure sensor
(F)	Rotary encoder
(G)	Connector/Socket
(H)	Temp. controller
(I)	SSR/ Power controller
(J)	Counter
(K)	Timer
(L)	Panel meter
(M)	Tacho/ Speed/ Pulse meter
(N)	Display unit
(O)	Sensor controller
(P)	Switching power supply
(Q)	Stepping motor & Driver & Controller
(R)	Graphic/ Logic panel
(S)	Field network device
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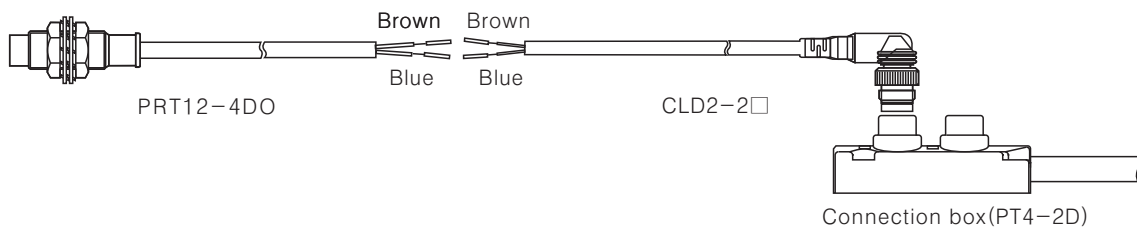
# Photoelectric/Proximity Sensor Connector Cable

## ■ Connector cable connections

### ● Connector cable(Socket type)



### ● Connector cable(Plug type)



### ● Connector connection cable(Socket-Plug type)

