Round Water-resistant Connectors (M12)

Water- and Environment-resistive FA Connectors **Save Wiring and Maintenance Effort**

- · Compact FA connectors satisfy IP67 requirements and ensure a 94V-0 fire retardant rating.
- A wide array of connectors makes a wiring system more modular, simplifies maintenance, and reduces downtime.
- · Connectors with Cables and Connector Assemblies are
- Three types of Connector Assembly: Crimping, soldering, and screw-on.



■ Ratings and Specifications

Item	4,5 Poles	8 Poles		
Rated current	4 A	1.5 A		
Rated voltage	125 VDC, 250 VAC	36 VDC		
Contact resistance	40 mΩ max. (20 mV max., 100 mA max.)			
Insulation resistance	1,000 MΩ min. (at 500 VDC)			
Dielectric strength (leakage current: 1 mA max.)	1,500 VAC for 1 min 1,000 VAC for 1 m			
Degree of protection	IP67 (IEC60529)			
Insertion tolerance	200 times min.			

■ Material

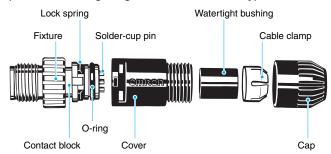
Contact / Surface	Copper Alloy / Nickel base, Au 0.4 μm
Connector housing	PBT resin (UL94V-0)
Nut / Surface	Copper Alloy / Nickel plated
Cover (XS2F/H/W/R)	PBT resin (UL94V-0)
Body (XS2C/G)	PBT resin (UL94V-0)

■ PVC Cable

Item	3 cores 4 cores 5		5 cores	8 cores		
Color	Black	Light Grey				
Outer diameter	5 mm dia.	6 mm dia.				
Conductor size	AWG22 0.34	0.25 mm ² (20 × 0.127)				
Approvals	AWM	_				
Features	Flame retarda	_				
Temperature range		Cable fixed: -10 to +80°C / Cable moved: -0 to +60°C				

■ Construction

(XS2G Soldering Plug Connector Assembly)



Note: 1. See "XS5/XS2 - Assembly Tooling and Accessories" datasheet for information regarding assembly, tooling and accessories that are common to the XS5 and XS2 connectors

2. See "XS5" datasheet for specifics regarding those connectors

■ PUR Cable

Item	3 cores	4 cores	5 cores			
Color	Black	•				
Outer diameter	4.3 mm dia. 4.7 mm dia. 5 mm dia.					
Conductor size	AWG22 0.34 mm ² (43 × 0.1)					
Approvals	AWM					
Features	Flame retardant Halogen free Oil resistance					
Temperature range	Cable fixed: -50 to	+80°C / Cable mo	oved: -25 to +80°C			

4-Pin and 5-Pin Connectors with Cable Attached

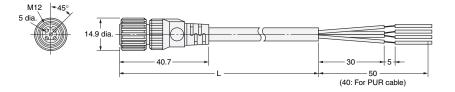
■ XS2F - Socket on One Cable End

XS2F-M12PVC M PVC Cable	□ □ □
XS2F-M12PUR DDM PUR Cable	c AL °us

Dimensions (Unit: mm)

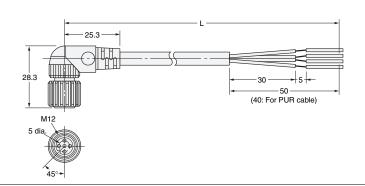
Straight



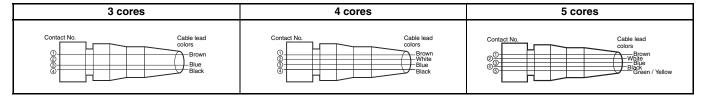


Angled





Wiring Diagram



Ordering Information

Connector	Size	Cable material	Cores	Shape	Length (m)	Product description
					2	XS2F-M12PVC3A2M
				Angled	5	XS2F-M12PVC3A5M
			0		10	XS2F-M12PVC3A10M
			3		2	XS2F-M12PVC3S2M
				Straight	5	XS2F-M12PVC3S5M
					10	XS2F-M12PVC3S10M
					2	XS2F-M12PVC4A2M
		PVC		Angled	5	XS2F-M12PVC4A5M
		PVC	4		10	XS2F-M12PVC4A10M
			4		2	XS2F-M12PVC4S2M
				Straight	5	XS2F-M12PVC4S5M
					10	XS2F-M12PVC4S10M
		112		Angled	2	XS2F-M12PVC5A2M
			5		5	XS2F-M12PVC5A5M
				Straight	2	XS2F-M12PVC5S2M
Socket	M10				5	XS2F-M12PVC5S5M
Socker	IVI I Z		3	Angled	2	XS2F-M12PUR3A2M
					5	XS2F-M12PUR3A5M
					10	XS2F-M12PUR3A10M
				Straight	2	XS2F-M12PUR3S2M
					5	XS2F-M12PUR3S5M
					10	XS2F-M12PUR3S10M
					2	XS2F-M12PUR4A2M
		PUR		Angled	5	XS2F-M12PUR4A5M
		PUR	4		10	XS2F-M12PUR4A10M
			4		2	XS2F-M12PUR4S2M
				Straight	5	XS2F-M12PUR4S5M
					10	XS2F-M12PUR4S10M
		[Angled	2	XS2F-M12PUR5A2M
			F	Angled	5	XS2F-M12PUR5A5M
			5	Ctroight	2	XS2F-M12PUR5S2M
				Straight	5	XS2F-M12PUR5S5M

Model Number Legend

Use this model number legend to identify products from their model number. When ordering, use a model number from the table in Ordering Information.



- 1. Screw Type
 - M12: M12 size
- 2. Cable type
 - PVC: PVC cable PUR: PUR cable
- 3. Number of Cores
 - 3: 3 cores
 - 4: 4 cores 5: 5 cores

- 4. Shape
 - Angled A:
 - Straight
- 5. Cable Length
 - 2M: 2 m
 - 5M: 5 m
 - 10M: 10 m

■ XS2H - Plugs on One Cable End

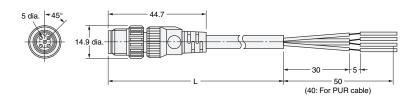
XS2H-M12PVC S M PVC Cable XS2H-M12PUR S M PUR Cable



Dimensions (Unit: mm)

Straight





Wiring Diagram

3 cores	4 cores	5 cores
Contact No. Cable lead colors Brown Blue Black	Contact No. Cable lead colors Brown White Black	Contact No. Cable lead colors

Ordering Information

Connector	Size	Cable material	Cores	Shape	Length (m)	Product description
			3		2	XS2H-M12PVC3S2M
					5	XS2H-M12PVC3S5M
					10	XS2H-M12PVC3S10M
		PVC			2	XS2H-M12PVC4S2M
		PVC	4		5	XS2H-M12PVC4S5M
				Straight	10	XS2H-M12PVC4S10M
			5		2	XS2H-M12PVC5S2M
Dluc	Mao				5	XS2H-M12PVC5S5M
Plug	IVI 12	M12	3		2	XS2H-M12PUR3S2M
					5	XS2H-M12PUR3S5M
					10	XS2H-M12PUR3S10M
		DUD	4		2	XS2H-M12PUR4S2M
		PUR			5	XS2H-M12PUR4S5M
					10	XS2H-M12PUR4S10M
					2	XS2H-M12PUR5S2M
			э	5	5	XS2H-M12PUR5S5M

Model Number Legend

Use this model number legend to identify products from their model number. When ordering, use a model number from the table in Ordering Information.

XS2H - M12 □□□

1. Screw Type M12: M12 size

2. Cable type PVC: PVC cable PUR: PUR cable

3. Number of Poles

3 cores 4: 4 cores 5 cores 4. Shape

S: Straight

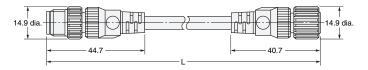
5. Cable Length 2M: 2 m 5M: 5 m

10M: 10 m

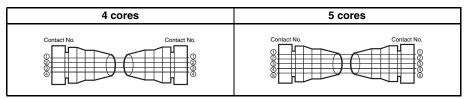
■ XS2W - Socket and Plug on Cable Ends

Dimensions (Unit: mm)

Straight/Straight



Wiring Diagram



Ordering Information

Connector	Size	Cable material	Cores	Shape	Length (m)	Product description										
Connector	Size	Cable Illaterial	Cores	Plug	Socket	Lengui (III)	Product description									
						2	XS2W-M12PVC4SS2M									
			4			5	XS2W-M12PVC4SS5M									
		PVC				10	XS2W-M12PVC4SS10M									
		PVC	FVC								2	XS2W-M12PVC5SS2M				
			5	5	5 XS2W-M12PVC5SS5M		XS2W-M12PVC5SS5M									
Both	M12						، ا				Ctroight	Straight	Straight	10	XS2W-M12PVC5SS10M	
DOILI	IVIIZ	PUR 4	4	Straight	Straight Straight	2	XS2W-M12PUR4SS2M									
						5	XS2W-M12PUR4SS5M									
			PUR	PUR	DUD	DUD	DUD	DUD	DUD	DUD	DUD				10	XS2W-M12PUR4SS10M
					PUR								2	XS2W-M12PUR5SS2M		
			5	,	5	XS2W-M12PUR5SS5M										
											10	XS2W-M12PUR5SS10M				

Model Number Legend

Use this model number legend to identify products from their model number. When ordering, use a model number from the table in *Ordering Information*.

XS2W - M12 □□□ □SS □□M 3 4 5

1. Screw Type

M12: M12 size

2. Cable type

PVC: PVC cable PUR: PUR cable

3. Number of Poles

4: 4 cores 5: 5 cores 4. Shape

SS: Straight / Straight

5. Cable Length

2M: 2 m 5M: 5 m 1M: 10 m

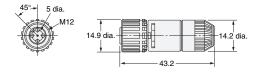
4-Pin and 5-Pin Assembly Connector

■ XS2C - Sockets, Crimping / Soldering Terminals



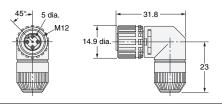
Dimensions (Unit: mm)





Angled





Ordering Information

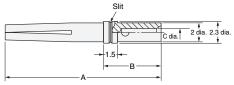
Suitable cable dia. (mm)	Cable connection direction	Connection method	Model	Minimum order
	Straight	Crimping	XS2C-D4C1	
6-mm-dia. model	Straight	Soldering	XS2C-D421	
(5 to 6 mm dia.)	Anglad	Crimping	XS2C-D4C2	
	Angled	Soldering	XS2C-D422	
	Straight	Crimping	XS2C-D4C3	
4-mm-dia. model		Soldering	XS2C-D423	50
(4 to 5 mm dia.)	A se sel e el	Crimping	XS2C-D4C4	
	Angled	Soldering	XS2C-D424	
3-mm-dia. model	0	Crimping	XS2C-D4C5	
	Straight	Soldering	XS2C-D425	
(3 to 4 mm dia.)	Anglad	Crimping	XS2C-D4C6	
	Angled	Soldering	XS2C-D426	1

Note: Crimping plug contacts are sold separately.

■XS2U (Crimping Pin for XS2C)

Dimensions (Unit: mm)





	Suitable	Dime	nsion	No. of	
Model	core size (mm²)	Α	В	С	slits
XS2U-2221	0.18 to 0.3	16.7	6.1	8.0	1
XS2U-2222	0.5 to 0.75	16.8	6.2	1.3	0

Note: A special tool must be used for crimping. For details, refer to the "XS5/XS2 - Assembly Tooling and Accessories" datasheet.

Ordering Information

Suitable core size (mm²)	Model	Minimum order
0.18 to 0.3	XS2U-2221	100
0.5 to 0.75	XS2U-2222	100

Note: Orders are accepted in multiples of the minimum order.

Dimensions

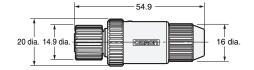
■ XS2C - Sockets, Screw Terminals

Dimensions (Unit: mm)

XS2C-D5S7 (5-core, Straight, Applicable Cable Outer Diameter: 8 mm) XS2C-D5S9 (5-core, Straight, Applicable Cable Outer Diameter: 7 mm) XS2C-D4S7 (4-core, Straight, Applicable Cable Outer Diameter: 8 mm) XS2C-D4S9 (4-core, Straight, Applicable Cable Outer Diameter: 7 mm)



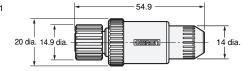




XS2C-D5S1 (5-core, Straight, Applicable Cable Outer Diameter: 6 mm) XS2C-D4S□ (4-core, Straight, Applicable Cable Outer Diameter: 3, 4, or 6 mm)



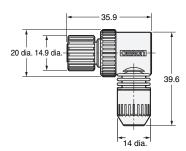




XS2C-D5S2 (5-core, Angled, Applicable Cable Outer Diameter: 6 mm) XS2C-D4S□ (4-core, Angled, Applicable Cable Outer Diameter: 3, 4, or 6 mm)







Ordering Information

No of polos	Cuitable cable dia (mm)	Straight connectors	Angled connectors	Minimum andan
No. of poles	Suitable cable dia. (mm)	Model	Model	Minimum order
	8-mm-dia. model (7 to 8 mm dia.)	XS2C-D5S7	_	
5	7-mm-dia. model (6 to 7 mm dia.)	XS2C-D5S9	_	
	6-mm-dia. model (5 to 6 mm dia.)	XS2C-D5S1	XS2C-D5S2	
	8-mm-dia. model (7 to 8 mm dia.)	XS2C-D4S7	_	50
	7-mm-dia. model (6 to 7 mm dia.)	XS2C-D4S9	_	50
4	6-mm-dia. model (5 to 6 mm dia.)	XS2C-D4S1	XS2C-D4S2	
	4-mm-dia. model (4 to 5 mm dia.)	XS2C-D4S3	XS2C-D4S4	
	3-mm-dia. model (3 to 4 mm dia.)	XS2C-D4S5	XS2C-D4S6	

■ XS2G - Plugs, Crimping / Soldering Terminals



(Unit: mm)

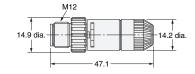
Dimensions

XS2G-□4C□ (Crimping Model) XS2G-□42□ (Soldering Model)

Straight

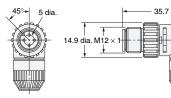






XS2G-D42□ (Soldering Model) **Angled**





Ordering Information

Suitable cable dia. (mm)	Cable connection direction	Connection method	Model	Minimum order
	Ctroinet	Crimping	XS2G-D4C1	
6-mm-dia. model (5 to 6 mm dia.)	Straight	Soldering	XS2G-D421	
(5 to 6 min dia.)	Angled	Soldering	XS2G-D422	
	Charingh	Crimping	XS2G-D4C3	50
4-mm-dia. model (4 to 5 mm dia.)	Straight	Soldering	XS2G-D423	
(4 to 5 min dia.)	Angled	Soldering	XS2G-D424	
	Charingh	Crimping	XS2G-D4C5	
3-mm-dia. model (3 to 4 mm dia.)	Straight	Soldering	XS2G-D425	
(O to 4 min dia.)	Angled	Soldering	XS2G-D426	

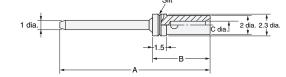
Note: Crimping plug contacts are sold separately.

(Crimping Pin for XS2G)

Dimensions (Unit: mm)

XS2U-312□ (Plug Pin)





Dimensions

		Dime	nsion	No. of	
Model	core size (mm²)	Α	В	С	slits
XS2U-3121	0.18 to 0.3	20.0	6.1	8.0	1
XS2U-3122	0.5 to 0.75	20.1	6.2	1.3	0

Note: A special tool must be used for crimping. For details, refer to the "XS5/XS2 - Assembly Tooling and Accessories" datasheet.

Ordering Information

Suitable core size (mm²)	Model	Minimum order
0.18 to 0.3	XS2U-3121	100
0.5 to 0.75	XS2U-3122	100

Note: Orders are accepted in multiples of the minimum order.



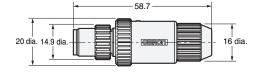
■ XS2G - Plugs, Screw Terminals

Dimensions (Unit: mm)

XS2G-D5S7 (5-core, Straight, Applicable Cable Outer Diameter: 8 mm) XS2G-D5S9 (5-core, Straight, Applicable Cable Outer Diameter: 7 mm) XS2G-D4S7 (4-core Straight, Applicable Cable Outer Diameter: 8 mm) XS2G-D4S9 (4-core Straight, Applicable Cable Outer Diameter: 7 mm)

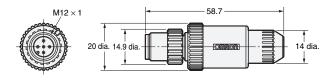






XS2G-D5S1 (5-core Straight, Applicable Cable Outer Diameter: 6 mm) XS2G-D4S□ (4-core, Straight, Applicable Cable Outer Diameter: 3, 4, or 6 mm)

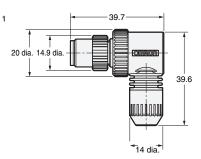




XS2G-D5S2 (5-core, Angled, Applicable Cable Outer Diameter: 6 mm) XS2G-D4S□ (4-core, Angled, Applicable Cable Outer Diameter: 3, 4, or 6 mm)







Ordering Information

No of poles	Suitable cable dia (mm)	Straight connectors	Angled connectors	Minimum order
No. of poles	Suitable cable dia. (mm)	Model	Model	- Willimum order
	8-mm-dia. model (7 to 8 mm dia.)	XS2G-D5S7	_	
5	7-mm-dia. model (6 to 7 mm dia.)	XS2G-D5S9	_	
	6-mm-dia. model (5 to 6 mm dia.)	XS2G-D5S1	XS2G-D5S2	
	8-mm-dia. model (7 to 8 mm dia.)	XS2G-D4S7	_	50
	7-mm-dia. model (6 to 7 mm dia.)	XS2G-D4S9	_	50
4	6-mm-dia. model (5 to 6 mm dia.)	XS2G-D4S1	XS2G-D4S2	
	4-mm-dia. model (4 to 5 mm dia.)	XS2G-D4S3	XS2G-D4S4	
	3-mm-dia. model (3 to 4 mm dia.)	XS2G-D4S5	XS2G-D4S6	

Note: XS2G Screw terminal Plugs cannot be connected to side by side to the CN1 and CN2 connectors of XS2R Y-Joint Sockets/Plugs.

Y-Joint 4-Pin Plug/Socket Connectors

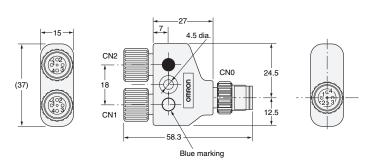
Blue marking

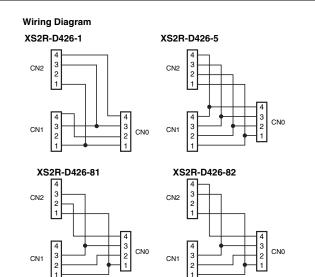
■XS2R

Dimensions (Unit: mm) XS2R-D426-□11-F Wiring Diagram Connectors on Both Cable Ends (Y-Joint Plug/Socket) 45.5 4.6 dia. CN2 35.0 18.0

XS2R-D426-□10-F Wiring Diagram Connectors on One Cable End (Y-Joint Plug/Socket) CN2 35.0 18.0 CN1 13.6 Blue marking

XS2R-D426-1 Y-Joint Plug/Socket without Cable





Ordering Information

Туре	Connector	Cable length L (m)	Model	Minimum order
		0.5	XS2R-D426-B11-F	
	Commontorio en hothe coble code	1	XS2R-D426-C11-F	
With coble	Connectors on both cable ends	2	XS2R-D426-D11-F	5
with cable	With cable Connector on one cable end	3	XS2R-D426-E11-F	5
		2	XS2R-D426-D10-F	
		5	XS2R-D426-G10-F	İ
			XS2R-D426-1	
Without cable	W. Jakat along/analont		XS2R-D426-5	10
	Y-Joint plug/socket	_	XS2R-D426-81	10
			XS2R-D426-82	

Note: XS2G Screw-on Plugs cannot be connected side-by-side to the CN1 and CN2 connectors. Consider using a crimping or soldering model instead.

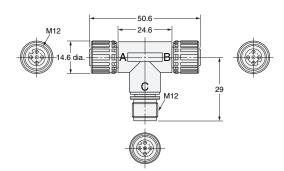
T-Joint Plug/Socket Connectors

■ XS2R

Dimensions

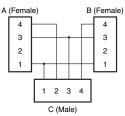
XS2R-D422-1 XS2R-D422-5 **Aggregate Models**



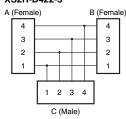


(Unit: mm)

Wiring Diagram XS2R-D422-1

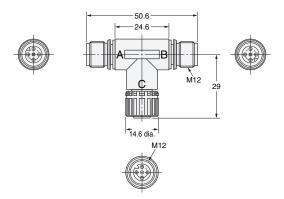


XS2R-D422-5

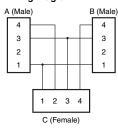


XS2R-D423-1 **Bifurcated Model**



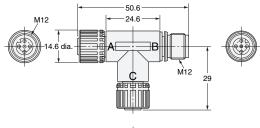


Wiring Diagram



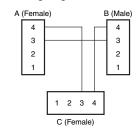
XS2R-D424-1 **Daisy-chain Model**







Wiring Diagram



Ordering Information

Туре	Model	Minimum order
Aggragata madal	XS2R-D422-1	
Aggregate model	XS2R-D422-5	20
Bifurcated model	XS2R-D423-1	20
Daisy-chain model	XS2R-D424-1	

Safety Precautions

■ Correct Use - XS2R

Do not use this product under ambient conditions that exceed the ratings.

Before using the XS2R for Sensors, make sure that the wiring of the Sensors and the internal connections of the XS2R are correct.

See the end of this datasheet for XS2R Application examples.

See "XS5/XS2 - Assembly Tooling and Accessories" datasheet for information regarding assembly, tooling and accessories that are common to the XS5 and XS2 connectors

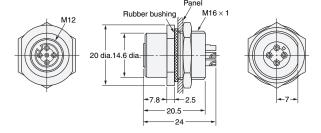
Panel-mount Connectors

■ XS2P - Sockets

Dimensions (Unit: mm)

XS2P-D421-2 (with Solder Cup Pins) **Rear Lock Model**

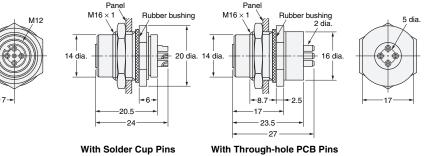




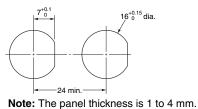
XS2P-D422-1 (with Through-hole PCB Pins) XS2P-D422-2 (with Solder Cup Pins)

Front Lock Model

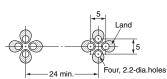








PCB-mounting Dimensions



Ordering Information

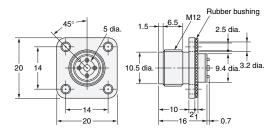
Lock method	Pin shape	Model	Minimum order
Rear lock	Solder cup pin	XS2P-D421-2	
Front lock	Solder cup pin	XS2P-D422-2	50
FIGHT IOCK	Through-hole PCB pin	XS2P-D422-1	

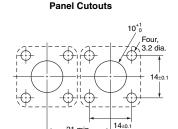
■ XS2M - Plugs

Dimensions (Unit: mm)

XS2M-D423 (Flange-mounting Model)

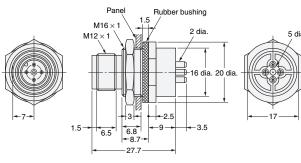


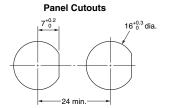




XS2M-D424-1 (With PCB Pins) XS2M-D424-2 (With Solder Cup Pins) (Screw-mounting Model)







Note: The panel thickness is 1 to 4 mm.

PCB-mounting Dimensions

Four, 2.2-dia. holes

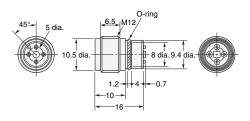
Connectors for Embedding in Sensors

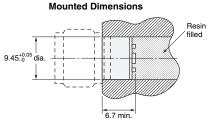
■ XS2M - Plugs

Dimensions (Unit: mm)

XS2M-D421 (Embedded Plug with Screw Threads)





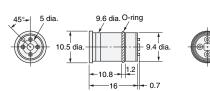


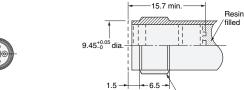
Note: After mounting, anchor the solder cups by injecting resin.

Mounted Dimensions

XS2M-D422 (Embedded Plug without Screw Threads)







Note: After mounting, anchor the solder cups by injecting resin.

8-Pin Connector with Cable Attached/Panel-mount

■XS2□

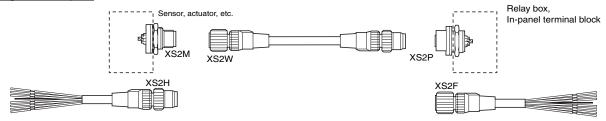
Ordering Information

Connector type	Cable connection di- rection	Number of cores	Cable length (m)	Model
Danal mounting applied				XS2P-D821-2
Panel-mounting socket	_	_	_	XS2P-D822-2
Panel-mounting plug				XS2M-D824-4
Dlug on one coble and			0.3	XS2H-D821-AH0-C
Plug on one cable end			1	XS2H-D821-CH0-C
Socket on one cable end	Ctroight	8	2	XS2F-D821-DH0-C
Socket on one cable end	Straight		5	XS2F-D821-GH0-C
Dlug and applyet an apply and			2	XS2W-D821-DH1-C
Plug and socket on cable ends			5	XS2W-D821-GH1-C

Pin Numbers and Cable Lead Colors

		Pin number						
XS2F/XS2H/XS2W cable lead	1	2	3	4	5	6	7	8
colors	White	Brown	Green	Yellow	Gray	Pink	Blue	Shield

Wiring Example

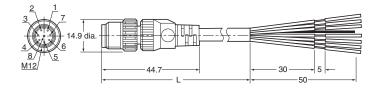




Dimensions (Unit: mm)

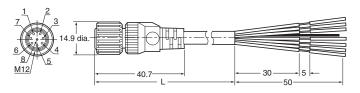
XS2H Plug on One Cable End (M12)





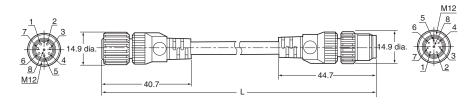
XS2F Socket on One Cable End (M12)



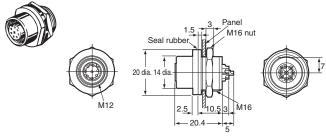


XS2W Plug and Socket on Cable Ends (M12)

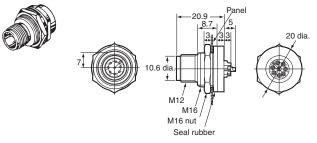




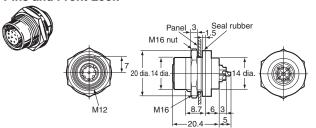
XS2P-D821-2 Panel-mounting Socket (M12) with Solder Cup Pins and Rear Lock



XS2M-D824-4 Panel-mounting Plug (M12) with Solder Cup **Pins and Front Lock**

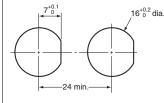


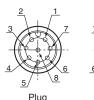
XS2P-D822-2 Panel-mounting Socket (M12) with Solder Cup **Pins and Front Lock**

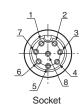


Panel Cutouts

Connector Pin Numbers (from Mating Side)







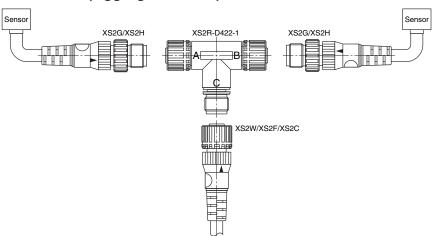
- Note: 1. Mounting panel thickness: 1 to 4 mm.
 - 2. Applicable core wire size for solder cup pins: 0.5 mm² max.
 - 3. The M16 nut and seal rubber are included.

Ordering Information

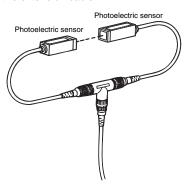
Mounting method	Pin shape	Model	Minimum order
Embedded with screw threads		XS2M-D421	
Embedded with no screw threads	Solder cup pin	XS2M-D422	
Flange-mounting		XS2M-D423	50
Caravy may ating	Through-hole PCB pin	XS2M-D424-1	
Screw-mounting	Solder cup pin	XS2M-D424-2	

XS2R Application Examples

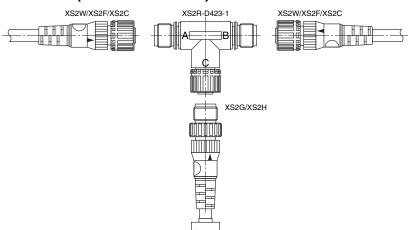
XS2R-D422-1 (Aggregate Model)



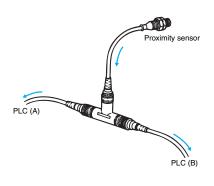
- · A pair of Two-wire Sensors or Three-wire Sensors can be connected as shown in the illustration.
- The XS2R-D422-5 has feedthrough connections, thus working as a connector for the extension cable.



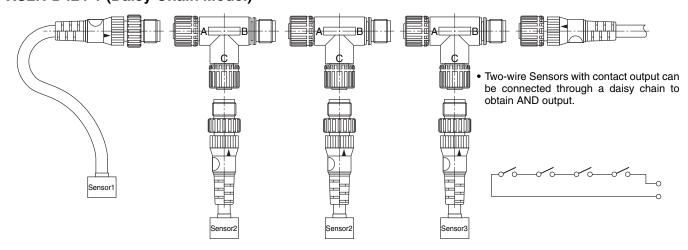
XS2R-D423-1 (Bifurcated Model)



• Two or Three-wire Sensor signals can be bifurcated.



XS2R-D424-1 (Daisy Chain Model)



List of XS2 Products - Summary

Name	Model		Appearance
1.Connectors attached to Cable	XS2W Sockets and Plugs on Cable Ends		
	XS2F Sockets on One Cable End		
	XS2H Plugs on One Cable End		
2.Connector Assemblies (Crimping, Soldering, or Screw-on) Used to enable using connectors for sensor cables and relay cables.	XS2G Plug Assemblies		
	XS2C Socket Assemblies		
	XY2F Crimp Tool (for Crimping Connectors)		
	XW4Z Screwdriver (for Screw-on Connectors)		
3.Terminal Box Connectors Used to enable using connectors for terminal boxes.	XS2P Panel-mounting Sockets		
4.T-Joints and Y-Joints Used for branching and for daisy-chain connections.	XS2R T-Joint/Y-Joint Plug/ Socket Connectors	T-Joints	
		Y-Joints	
5.Sensor Connector Assemblies	XS2M Plugs	Embedded Plugs with Screw Threads	
Used to enable using connectors in sensors.		Embedded Plugs with No Screw Threads	
6. Panel-mounting Connectors Used to enable using I/O box connectors mounted to panels.	XS2M Plugs	Flange-mounting Plugs	
		Screw-mounting Plugs	
	I	l .	-

Note: 1. See "XS5/XS2 - Assembly Tooling and Accessories" datasheet for information regarding assembly, tooling and accessories that are common to the XS5 and XS2 connectors

^{2.} See "XS5" datasheet for specifics regarding those connectors



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