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 available.
- 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 min	
Degree of protection	IP67 (IEC60529)		
Insertion tolerance	200 times min.		

■ PVC Cable

Item	3 cores	4 cores	5 cores	8 cores	
Color	Black	Black			
Outer diameter	5 mm dia.	6 mm dia.			
Conductor size	AWG22 0.34	1)	0.25 mm ² (20 × 0.127)		
Approvals	AWM	—			
Features	Flame retardant			—	
Temperature range	Cable fixed: -10 to +80°C / Cable moved: -0 to +60°C			-25°C to +70°C	

■ 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 moved: -25 to +80°C				

Material

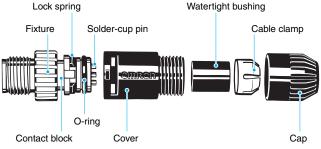
Contact / Surface	Copper Alloy / Nickel base, Au 0.4 μm
Connector housing	PBT resin (UL94V-0)
Nut / Surface	Copper Alloy / Nickel plated
Cover (XS2F/H/W/R)	PBT resin (UL94V-0)
Body (XS2C/G)	PBT resin (UL94V-0)

■ PVC Cable (For IP69K)

Item	Standard	Heat-resistant	
Color	Light Gray	Black	
Outer diameter	6 mm dia.		
Conductor size	AWG20 0.5 mm ² (100 × 0.08)	AWG20 0.5 mm ² (45 × 0.12)	
Approvals	CL3		
Features	Flame retardant	Heat and chemical resistant	
Temperature range	-25 to +70°C	-25 to +105°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

4-Pin and 5-Pin Connectors with Cable Attached

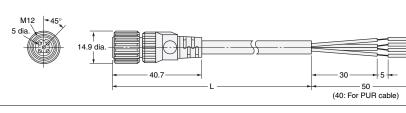
■ XS2F - Socket on One Cable End

XS2F-M12PVC

Dimensions

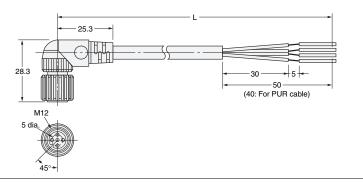
Straight





Angled





Wiring Diagram

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

(Unit: mm)

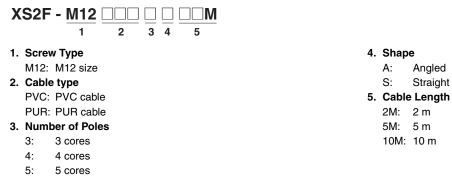
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Ordering Information

connector	Size	Cable material	Cores	Shape	Length (m)	Product description
				2	XS2F-M12PVC3A2M	
				Angled	5	XS2F-M12PVC3A5M
			3		10	XS2F-M12PVC3A10M
			3		2	XS2F-M12PVC3S2M
				Straight	5	XS2F-M12PVC3S5M
					10	XS2F-M12PVC3S10M
					2	XS2F-M12PVC4A2M
		PVC		Angled	5	XS2F-M12PVC4A5M
		FVC	4		10	XS2F-M12PVC4A10M
			4		2	XS2F-M12PVC4S2M
				Straight	5	XS2F-M12PVC4S5M
					10	XS2F-M12PVC4S10M
				A	2	XS2F-M12PVC5A2M
		-	Angled	5	XS2F-M12PVC5A5M	
			5	Straight	2	XS2F-M12PVC5S2M
Socket	M12				5	XS2F-M12PVC5S5M
боскег	IVI I Z			Angled	2	XS2F-M12PUR3A2M
					5	XS2F-M12PUR3A5M
			3		10	XS2F-M12PUR3A10M
		PUR	3	Straight	2	XS2F-M12PUR3S2M
					5	XS2F-M12PUR3S5M
					10	XS2F-M12PUR3S10M
				Angled	2	XS2F-M12PUR4A2M
					5	XS2F-M12PUR4A5M
					10	XS2F-M12PUR4A10M
			4		2	XS2F-M12PUR4S2M
				Straight	5	XS2F-M12PUR4S5M
					10	XS2F-M12PUR4S10M
				Angled	2	XS2F-M12PUR5A2M
			-	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.



10M: 10 m

■ XS2F - Socket on One Cable End with LED

XS2F-M12PVC MLED PVC Cable XS2F-M12PUR MLED PUR Cable

Dimensions Angled (Unit: mm)

Wiring Diagram



Ordering Information

Connector Type	Shape	Size	Number of Poles	Cable Material	Cable Length (M)	Model	
						2	XS2F-M12PVC3A2MLED
			3		5	XS2F-M12PVC3A5MLED	
					10	XS2F-M12PVC3A10MLED	
				PVC	2	XS2F-M12PVC4A2MLED	
		Angled M12	4		5	XS2F-M12PVC4A5MLED	
Coolicat	A se este et				10	XS2F-M12PVC4A10MLED	
Socket	Anglea		3		2	XS2F-M12PUR3A2MLED	
					5	XS2F-M12PUR3A5MLED	
					10	XS2F-M12PUR3A10MLED	
				4 PUR	2	XS2F-M12PUR4A2MLED	
			4		5	XS2F-M12PUR4A5MLED	
					10	XS2F-M12PUR4A10MLED	

Model Number Legend

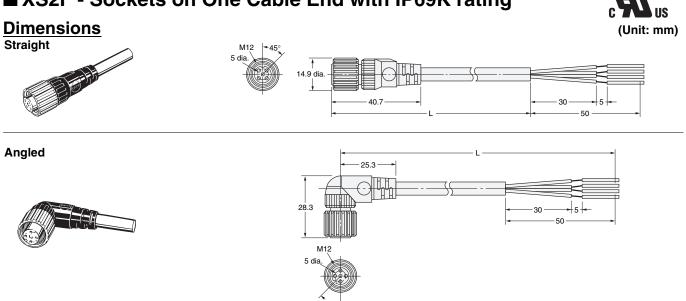
Use this model number legend to identify products from their model number. When ordering, use a model number from the table in *Ordering Information*.



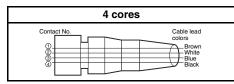
1. Screw Type	4. Shape
M12: M12 size	A: Angled
2. Cable type	5. Cable Length
PVC: PVC cable	2M: 2 m
PUR: PUR cable	5M: 5 m
3. Number of Poles	10M: 10 m
3: 3 cores	6. LED
4: 4 cores	LED: with LED

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■ XS2F - Sockets on One Cable End with IP69K rating



Wiring Diagram



Ordering Information

Connector	Size	Cable material	Cores	Shape	Length (m)	Product description
			4 Str.		2	XS2F-E422-D80-F
				Angled	5	XS2F-E422-G80-F
		Vibration Proof			10	XS2F-E422-J80-F
		Robot Cable		Straight	2	XS2F-E421-D80-F
	M12	Heat Resistant			5	XS2F-E421-G80-F
Socket					10	XS2F-E421-J80-F
SUCKEI				Angled	2	XS2F-E422-D80-E
					5	XS2F-E422-G80-E
					10	XS2F-E422-J80-E
					2	XS2F-E421-D80-E
				Straight	5	XS2F-E421-G80-E
					10	XS2F-E421-J80-E

Note: XS2F-E42□ models with -F are cRUus approved

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*.

XS2F -
$$\underline{E42}_{1234}$$
 - $\underline{B0}_{567}$ - $\underline{B0}_{8}$

- 1. Nut Material E: Stainless
- 2. Number of Poles
 - 4: 4 cores
- 3. Contact Plating2: 0.4-μm gold plating

4.	Shape		
	1:	Straight	
	2:	Angled	
5.	Ca	ble Length	

D: 2 m

G: 5 m

J: 10 m

- 6. Connections
 - 8: Brown, White, Blue, Black
- 7. Connectors on One End/Both Ends 0: One End
- 8. Cable Specification
 - F: Vibration Proof Robot Cable
 - E: Heat-resistant cable



(Unit: mm)

c SUS US

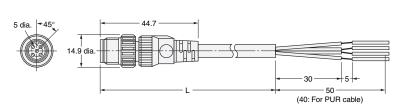
■ XS2H - Plugs on One Cable End

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

Dimensions

Straight





Wiring Diagram

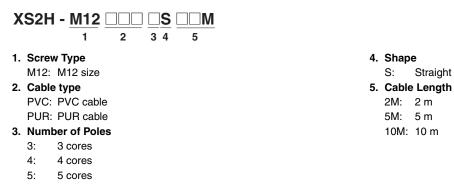
3 cores	4 cores	5 cores
Contact No. Cable lead oolors Brown Blue Black	Contact No. Colors Colors Colors Frown Blue Blue Black	Contact No. Cable lead colors Brown Cable lead colors Brown Cable lead colors Brown Blick Crean / Yellow

Ordering Information

Connector	Size	Cable material	Cores	Shape	Length (m)	Product description
					2	XS2H-M12PVC3S2M
			3		5	XS2H-M12PVC3S5M
					10	XS2H-M12PVC3S10M
		PVC			2	XS2H-M12PVC4S2M
		PVC	4		5	XS2H-M12PVC4S5M
					10	XS2H-M12PVC4S10M
		M12	5	- Straight	2	XS2H-M12PVC5S2M
Dhua	MIO				5	XS2H-M12PVC5S5M
Plug	IVI I Z		3		2	XS2H-M12PUR3S2M
					5	XS2H-M12PUR3S5M
						10
				1 F	2	XS2H-M12PUR4S2M
		PUR	4		5	XS2H-M12PUR4S5M
					10	XS2H-M12PUR4S10M
			F	1	2	XS2H-M12PUR5S2M
			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*.



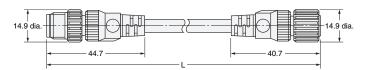
144 Round Water-resistant Connectors (M12) **XS2**

XS2W - Socket and Plug on Cable Ends

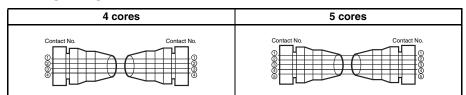
XS2W-M12PVC SS M PVC Cable XS2W-M12PUR SS M PUR Cable



Straight/Straight



Wiring Diagram

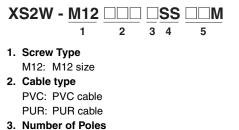


Ordering Information

Connector	Size	Cable material	Cores	Sha	ape	Length (m)	Product description																		
Connector	Jointector Size	Caple material	Cores	Plug	Socket	Length (III)	Floader description																		
							2	XS2W-M12PVC4SS2M																	
			4			5	XS2W-M12PVC4SS5M																		
		DVC				10	XS2W-M12PVC4SS10M																		
		PVC	5	PVC	PVC	PVC				2	XS2W-M12PVC5SS2M														
				5	5		5	XS2W-M12PVC5SS5M																	
Deth	Mio																						Otrainte	Otrainlet	10
Both	M12		M12		Straight Straight	2	XS2W-M12PUR4SS2M																		
							4			5	XS2W-M12PUR4SS5M														
							DUD	BUB				10	XS2W-M12PUR4SS10M												
		PUR		5		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.



- 4: 4 cores
- 5:
- 5 cores

- 4. Shape
 - SS: Straight / Straight
- 5. Cable Length
 - 2M: 2 m
 - 5M: 5 m
 - 1M: 10 m

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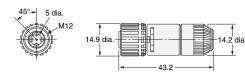
4-Pin and 5-Pin Assembly Connector

■ XS2C - Sockets, Crimping / Soldering Terminals



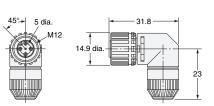
XS2C-Q4CQ (Crimping Model) XS2C-Q42Q (Soldering Model) Straight





Angled





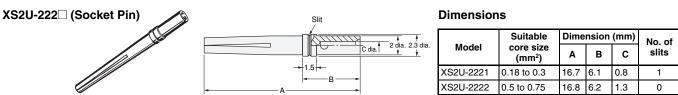
Ordering Information

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.)	Annalad	Crimping	XS2C-D4C4	50
	Angled	Soldering	XS2C-D424	
3-mm-dia. model	Straight	Crimping	XS2C-D4C5	
	Straight	Soldering	XS2C-D425	
(3 to 4 mm dia.)	Angled	Crimping	XS2C-D4C6	
	Angleu	Soldering	XS2C-D426	1

Note: Crimping plug contacts are sold separately.

XS2U (Crimping Pin for XS2C)

Dimensions



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 (mm ²)	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.

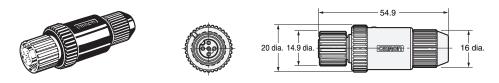


(Unit: mm)

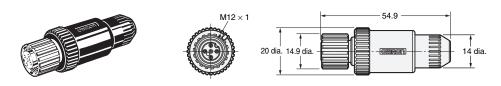
■ XS2C - Sockets, Screw Terminals

Dimensions

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)



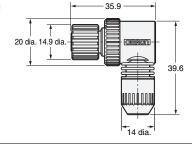
XS2C-D5S1 (5-core, Straight, Applicable Cable Outer Diameter: 6 mm) XS2C-D4S (4-core, Straight, Applicable Cable Outer Diameter: 3, 4, or 6 mm)



XS2C-D5S2 (5-core, Angled, Applicable Cable Outer Diameter: 6 mm) XS2C-D4S⁽¹⁾ (4-core, Angled, Applicable Cable Outer Diameter: 3, 4, or 6 mm)







Ordering Information

	Switchle cohio dia (mm)	Straight connectors	Angled connectors	Minimum order
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	

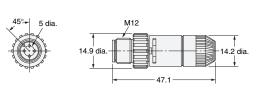
(Unit: mm)

■ XS2G - Plugs, Crimping / Soldering Terminals

Dimensions

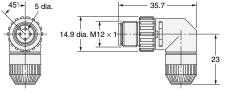
XS2G-□4C□ (Crimping Model) XS2G-□42□ (Soldering Model) Straight





XS2G-D42 (Soldering Model) Angled





Ordering Information

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

Note: Crimping plug contacts are sold separately.

■ XS2U (Crimping Pin for XS2G)

Dimensions

XS2U-312 (Plug Pin)



Dimensions

P	-				
	Suitable	Dime	nsion	No. of	
Model	core size (mm²)	Α	в	С	slits
XS2U-3121	0.18 to 0.3	20.0	6.1	0.8	1
XS2U-3122	0.5 to 0.75	20.1	6.2	1.3	0

(Unit: mm)

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 (mm ²)	Model	Minimum order
0.18 to 0.3	XS2U-3121	100
0.5 to 0.75	XS2U-3122	100

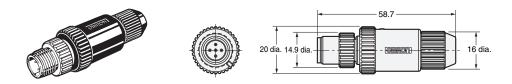
 $\label{eq:Note:Orders are accepted in multiples of the minimum order.$

148 Round Water-resistant Connectors (M12) XS2

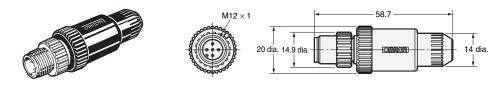
■ XS2G - Plugs, Screw Terminals

Dimensions

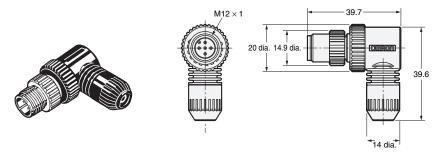
XS2G-D5S7 (5-core, Straight, Applicable Cable Outer Diameter: 8 mm) XS2G-D5S9 (5-core, Straight, Applicable Cable Outer Diameter: 7 mm) XS2G-D4S7 (4-core Straight, Applicable Cable Outer Diameter: 8 mm) XS2G-D4S9 (4-core Straight, Applicable Cable Outer Diameter: 7 mm)



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⁽¹⁾ (4-core, Angled, Applicable Cable Outer Diameter: 3, 4, or 6 mm)



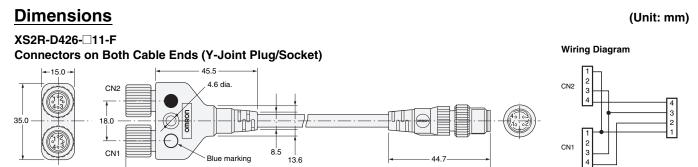
Ordering Information

	Suitable cable dia (mm)	Straight connectors	Angled connectors	Minimum order
No. of poles	Suitable cable dia. (mm)	Model	Model	winning 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	

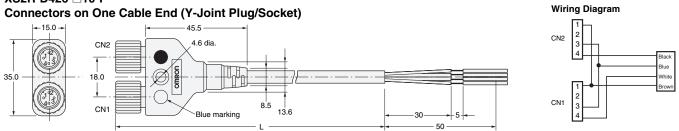
Note: XS2G Screw terminal Plugs cannot be connected to side by side to the CN1 and CN2 connectors of XS2R Y-Joint Sockets/Plugs.

Y-Joint 4-Pin Plug/Socket Connectors

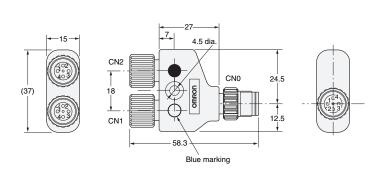
XS2R



XS2R-D426-010-F



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

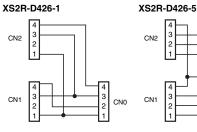


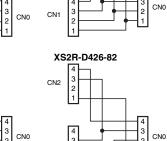
Wiring Diagram

XS2R-D426-81

CN2

CN1





3

CN1

Ordering Information

Туре	Connector	Cable length L (m)	Model	Minimum order
		0.5	XS2R-D426-B11-F	
		1	XS2R-D426-C11-F	
	Connectors on both cable ends	2	XS2R-D426-D11-F	1 _
With cable		3	XS2R-D426-E11-F	- 5
	Connector on and coble and	2	XS2R-D426-D10-F	
Connector on	Connector on one cable end	5	XS2R-D426-G10-F	
			XS2R-D426-1	
Without cable	X laint alva/a alvat		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.

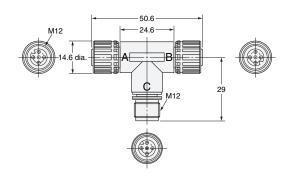
T-Joint Plug/Socket Connectors

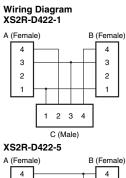
■XS2R

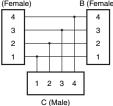
Dimensions

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



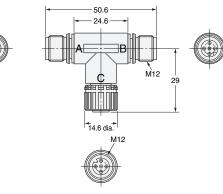




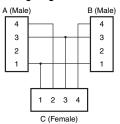


XS2R-D423-1 Bifurcated Model









B (Male)

4

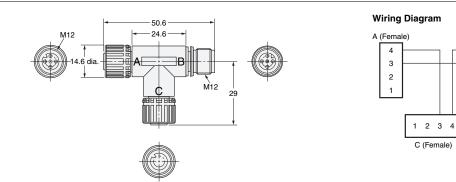
3

2

1

XS2R-D424-1 Daisy-chain Model





Ordering Information

Туре	Model	Minimum order
Aggregate model	XS2R-D422-1	
	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.

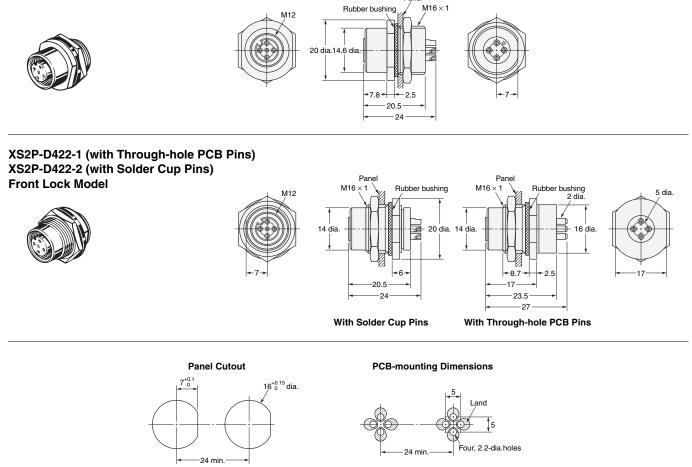
See "XS5/XS2 - Assembly Tooling and Accessories" datasheet for information regarding assembly, tooling and accessories that are common to the XS5 and XS2 connectors

■ XS2P - Sockets

Dimensions

(Unit: mm)



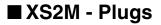


Panel

Note: The panel thickness is 1 to 4 mm.

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
	Through-hole PCB pin	XS2P-D422-1	

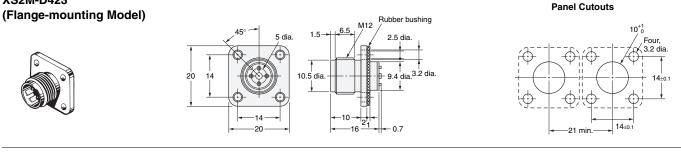


Dimensions

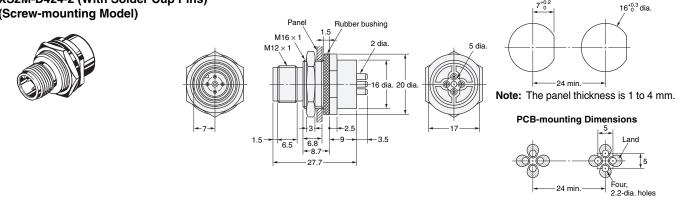
XS2M-D423

(Unit: mm)

Panel Cutouts



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

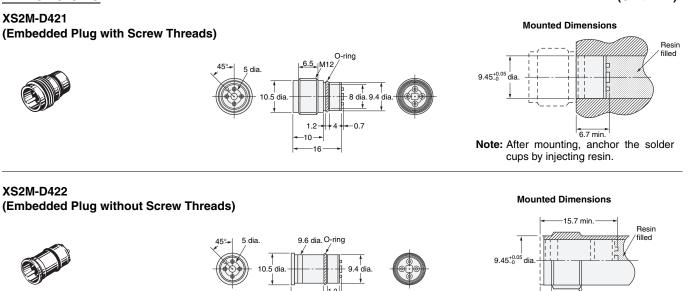


Connectors for Embedding in Sensors

■ XS2M - Plugs

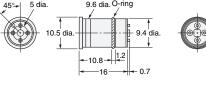
Dimensions

(Unit: mm)



 $\dot{M12 \times 1}$ Note: After mounting, anchor the solder cups by injecting resin.

6.5



Round Water-resistant Connectors (M12) XS2 153

1.5

8-Pin Connector with Cable Attached/Panel-mount

■XS2□

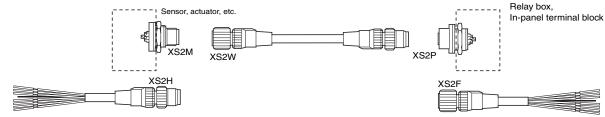
Ordering Information

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

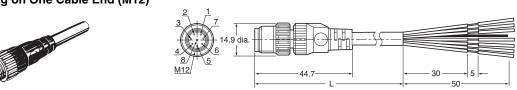
Wiring Example



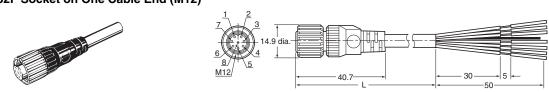
(Unit: mm)

Dimensions

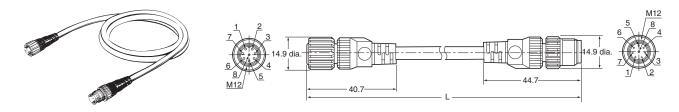
XS2H Plug on One Cable End (M12)

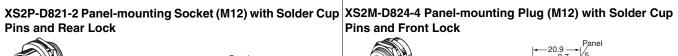


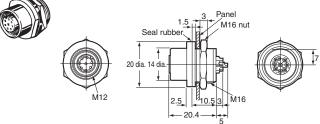
XS2F Socket on One Cable End (M12)

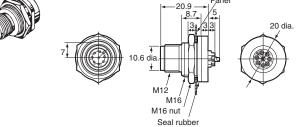


XS2W Plug and Socket on Cable Ends (M12)

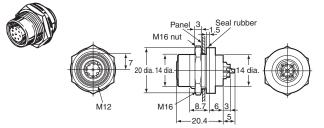






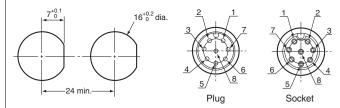


XS2P-D822-2 Panel-mounting Socket (M12) with Solder Cup Pins and Front Lock



Panel Cutouts

Connector Pin Numbers (from Mating Side)



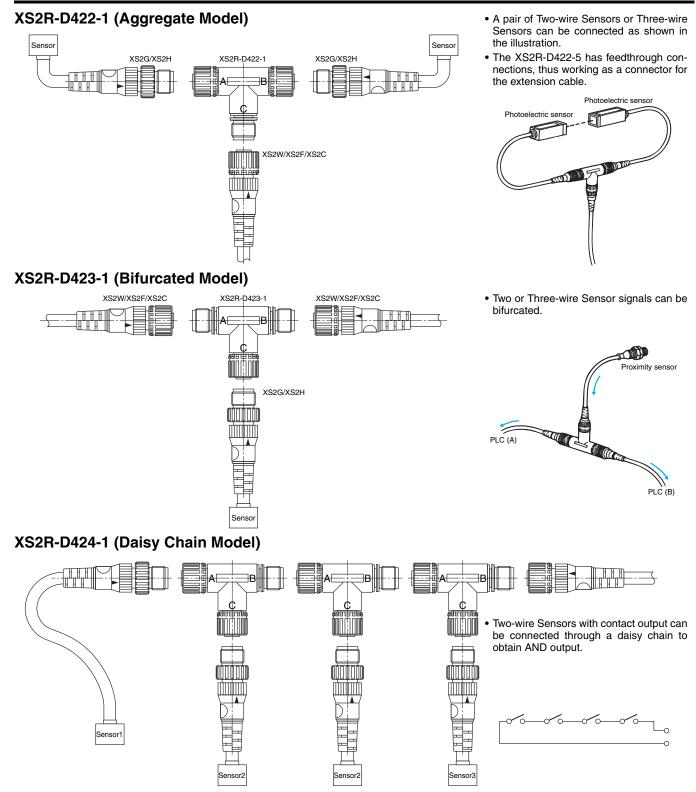
Note: 1. Mounting panel thickness: 1 to 4 mm.

- 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
Screw-mounting	Through-hole PCB pin	XS2M-D424-1	
	Solder cup pin	XS2M-D424-2	

XS2R Application Examples



List of XS2 Products - Summary

Name	Мо	del	Appearance
	XS2W Sockets and Plugs or	n Cable Ends	
1.Connectors attached to Cable	XS2F Sockets on One Cable	e End	
	XS2H Plugs on One Cable I	End	
	XS2G Plug Assemblies		
	XS2C Socket Assemblies		
2.Connector Assemblies (Crimping, Soldering, or Screw-on) Used to enable using connectors for sensor cables and relay cables.	XY2F Crimp Tool (for Crimp	ing Connectors)	
	XW4Z Screwdriver (for Scre	w-on Connectors)	A LAND
3.Terminal Box Connectors Used to enable using connectors for terminal boxes.	XS2P Panel-mounting Sock	ets	
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	YOOM Dives	Embedded Plugs with Screw Threads	
Used to enable using connectors in sensors.	XS2M Plugs	Embedded Plugs with No Screw Threads	
6. Panel-mounting Connectors	XS2M Plugs	Flange-mounting Plugs	
Used to enable using I/O box connec- tors mounted to panels.		Screw-mounting Plugs	

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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