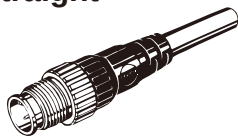
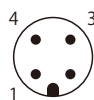


M12 Cable type

Plug (Male) Straight



3 pole



1 Brown
3 Blue
4 Black

4 pole



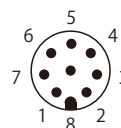
1 Brown
2 White
3 Blue
4 Black

5 pole



1 Brown
2 White
3 Blue
4 Black
5 Grey

8 pole



1 White
2 Brown
3 Green
4 Yellow
5 Grey
6 Pink
7 Blue
8 Shield

Cable Length (m)

PVC	0.3	XS2H-D421-AC0-A	XS2H-D421-A80-A	XS2H-D521-AG0-A	XS2H-D821-AH0-C
	1.0	XS2H-D421-CC0-A	XS2H-D421-C80-A	XS2H-D521-CG0-A	XS2H-D821-CH0-C

Technical data

Rated voltage	125VDC, 250VAC			36VDC
Rated current	4A			1.5A
Protection class (IEC60529)	IP67			IP67
Temperature range	-25C to +70C			-25C to +70C

PVC Cable

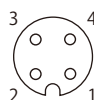
Color	Light Grey	Light Grey	Light Grey	Light Grey
Outer diameter	Φ6mm	Φ6mm	Φ6mm	Φ6mm
Conductor size	AWG20 (49 x 0.12)	AWG20 (49 x 0.12)	0.3mm ² (30 x 0.12)	0.25mm ² (20 x 0.127)
Approvals	UL Approved	UL Approved	—	—

M12 Smartclick Cable type

Socket (Female) Straight



4 pole



1 Brown
2 White
3 Blue
4 Black

Cable Length (m)

PVC	2.0	XS5F-D421-D80-A
	5.0	XS5F-D421-G80-A
	10.0	XS5F-D421-J80-A

Angled



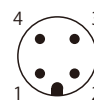
Cable Length (m)

PVC	2.0	XS5F-D422-D80-A
	5.0	XS5F-D422-G80-A
	10.0	XS5F-D422-J80-A

Plug (Male) Straight



4 pole



1 Brown
2 White
3 Blue
4 Black

Cable Length (m)

PVC	0.3	XS5H-D421-A80-A
	1.0	XS5H-D421-C80-A

Angled



Cable Length (m)

PVC	0.3	XS5H-D422-A80-A
	1.0	XS5H-D422-C80-A
	2.0	XS5H-D422-D80-A

Technical data

Rated voltage	125VDC, 250VAC		
Rated current	4A		
Protection class (IEC60529)	IP67		
Temperature range	-25C to +70C		

PVC Cable

Color	Light Grey		
Outer diameter	Φ6mm		
Conductor size	AWG20 (49 x 0.12)		
Approvals	UL Approved		

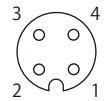
M12 / M12 Smartclick Panel Mount Type

Socket (Female)



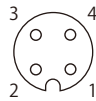
Front Lock Model
Solder Cup or With cable

4 pole



XS5P-D427-5

4 pole



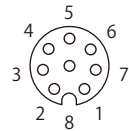
XS2P-D422-2

5 pole

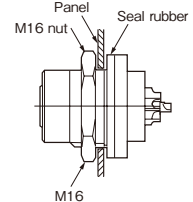
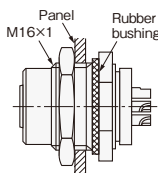
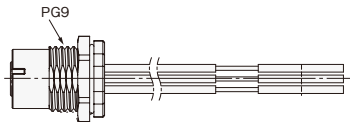


XS2P-D522-2

8 pole

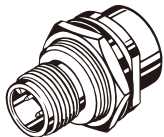


XS2P-D822-2



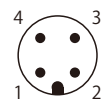
1 Brown 2 White 3 Blue 4 Black
Cable Length : 50cm

Plug (Male)



Front Lock Model
Solder Cup or With cable

4 pole



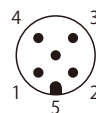
XS5M-D427-5

4 pole



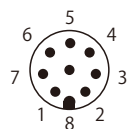
XS2M-D424-2

5 pole

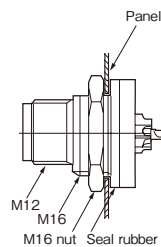
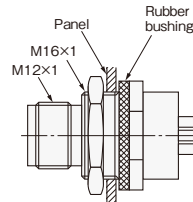
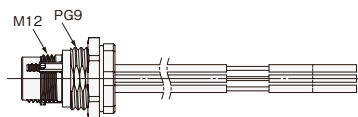


XS2M-D524-2

8 pole

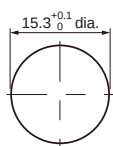


XS2M-D824-4

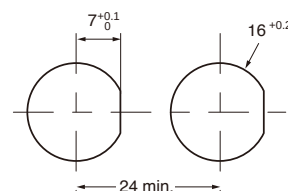


1 Brown 2 White 3 Blue 4 Black
Cable Length : 50cm

Panel Cutout



Panel Cutout



Note: The panel thickness is 1 to 4 mm.

Technical data

Rated voltage	125VDC, 250VAC	36VDC
Rated current	4A	1.5A
Protection class (IEC60529)	IP67	IP67
Temperature range	-25C to +70C	-25C to +70C

Material

Contact / Surface	Copper Alloy / Nickel base, Au0.4μm
Connector housing	4,8 Pole:PBT resin (UL94V-0) / 5 Poles:PA resin(UL94V-0)
Nut /Surface	Copper Alloy / Nickel plated

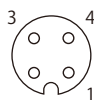
M12 Cable type

Socket (Female)

Straight

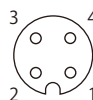


3 pole



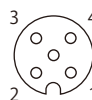
1 Brown
3 Blue
4 Black

4 pole



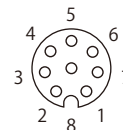
1 Brown
2 White
3 Blue
4 Black

5 pole



1 Brown
2 White
3 Blue
4 Black
5 Yellow/Green

8 pole

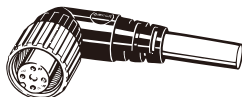


1 White
2 Brown
3 Green
4 Yellow
5 Grey
6 Pink
7 Blue
8 Shield

Cable Length (m)

PVC	2.0	XS2F-M12PVC3S2M	XS2F-M12PVC4S2M	XS2F-M12PVC5S2M	XS2F-D821-DH0-C
	5.0	XS2F-M12PVC3S5M	XS2F-M12PVC4S5M	XS2F-M12PVC5S5M	XS2F-D821-GH0-C
	10.0	XS2F-M12PVC3S10M	XS2F-M12PVC4S10M	-	-
PUR	2.0	XS2F-M12PUR3S2M	XS2F-M12PUR4S2M	XS2F-M12PUR5S2M	-
	5.0	XS2F-M12PUR3S5M	XS2F-M12PUR4S5M	XS2F-M12PUR5S5M	-
	10.0	XS2F-M12PUR3S10M	XS2F-M12PUR4S10M	-	-

Angled



Cable Length (m)

PVC	2.0	XS2F-M12PVC3A2M	XS2F-M12PVC4A2M	XS2F-M12PVC5A2M	-
	5.0	XS2F-M12PVC3A5M	XS2F-M12PVC4A5M	XS2F-M12PVC5A5M	-
	10.0	XS2F-M12PVC3A10M	XS2F-M12PVC4A10M	-	-
PUR	2.0	XS2F-M12PUR3A2M	XS2F-M12PUR4A2M	XS2F-M12PUR5A2M	-
	5.0	XS2F-M12PUR3A5M	XS2F-M12PUR4A5M	XS2F-M12PUR5A5M	-
	10.0	XS2F-M12PUR3A10M	XS2F-M12PUR4A10M	-	-

Technical data

Rated voltage	125VDC, 250VAC	36VDC
Rated current	4A	1.5A
Protection class (IEC60529)	IP67	IP67

Material

Contact / Surface	Copper Alloy / Nickel base, Au0.4μm
Connector housing	3,4,8 Pole:PBT resin (UL94V-0) / 5 Poles:PA resin(UL94V-0)
Cover	3,4,8 Pole:Polyester elastomer / 5 Poles:PVC
Nut /Surface	Copper Alloy / Nickel plated

PVC Cable

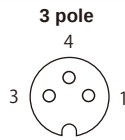
Color	Black	Black	Black	Light Grey
Outer diameter	Φ5mm	Φ5.4mm	Φ5.8mm	Φ6mm
Conductor size	0.34mm ² (43 x 0.1)	0.34mm ² (43 x 0.1)	0.34mm ² (43 x 0.1)	0.25mm ² (20 x 0.127)
Approvals	UL pending	UL pending	UL pending	-
Features	Flame retardant	Flame retardant	Flame retardant	-
Temperature range	-25C to +70C			

PUR Cable

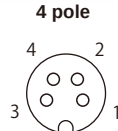
Color	Black	Black	Black
Outer diameter	Φ4.3mm	Φ4.7mm	Φ5mm
Conductor size	0.34mm ² (43 x 0.1)	0.34mm ² (43 x 0.1)	0.34mm ² (43 x 0.1)
Approvals	UL pending	UL pending	UL pending
Features	Flame retardant Halogen free Oil resistance	Flame retardant Halogen free Oil resistance	Flame retardant Halogen free Oil resistance
Temperature range	Cable fixed : -50C to +80C / Cable moved : -25C to +80C		

M8 Cable type

Socket (Female)



1 Brown
3 Blue
4 Black



1 Brown
2 White
3 Blue
4 Black

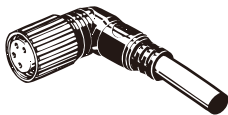
Straight



Cable Length (m)

PVC	2.0	XS3F-M8PVC3S2M	XS3F-M8PVC4S2M
	5.0	XS3F-M8PVC3S5M	XS3F-M8PVC4S5M
	10.0	XS3F-M8PVC3S10M	XS3F-M8PVC4S10M
PUR	2.0	XS3F-M8PUR3S2M	XS3F-M8PUR4S2M
	5.0	XS3F-M8PUR3S5M	XS3F-M8PUR4S5M
	10.0	XS3F-M8PUR3S10M	XS3F-M8PUR4S10M

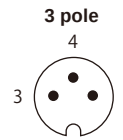
Angled



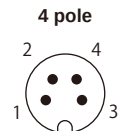
Cable Length (m)

PVC	2.0	XS3F-M8PVC3A2M	XS3F-M8PVC4A2M
	5.0	XS3F-M8PVC3A5M	XS3F-M8PVC4A5M
	10.0	XS3F-M8PVC3A10M	XS3F-M8PVC4A10M
PUR	2.0	XS3F-M8PUR3A2M	XS3F-M8PUR4A2M
	5.0	XS3F-M8PUR3A5M	XS3F-M8PUR4A5M
	10.0	XS3F-M8PUR3A10M	XS3F-M8PUR4A10M

Plug (Male)



1 Brown
3 Blue
4 Black



1 Brown
2 White
3 Blue
4 Black



Cable Length (m)

PVC	0.3	XS3H-M8PVC3S03M	XS3H-M8PVC4S03M
	1.0	XS3H-M8PVC3S1M	XS3H-M8PVC4S1M
PUR	0.3	XS3H-M8PUR3S03M	XS3H-M8PUR4S03M
	1.0	XS3H-M8PUR3S1M	XS3H-M8PUR4S1M



Cable Length (m)

PVC	0.3	XS3H-M8PVC3A03M	XS3H-M8PVC4A03M
	1.0	XS3H-M8PVC3A1M	XS3H-M8PVC4A1M
PUR	0.3	XS3H-M8PUR3A03M	XS3H-M8PUR4A03M
	1.0	XS3H-M8PUR3A1M	XS3H-M8PUR4A1M

Technical data

Rated voltage	125VDC
Rated current	1A
Protection class (IEC60529)	IP67

Material

Contact / Surface	Copper Alloy / Nickel base, Au0.4μm
Connector housing	PBT resin (UL94V-0)
Cover	Polyester elastomer (UL94V-0)
Nut / Surface	Copper Alloy / Nickel plated

PVC Cable

Color	Black	Black
Outer diameter	Φ5mm	Φ4.8mm
Conductor size	0.34mm ² (43 x 0.1)	0.25mm ² (32 x 0.1)
Approvals	UL pending	UL pending
Features	Flame retardant	Flame retardant
Temperature range	-25C to +70C	

PUR Cable

Color	Black	Black
Outer diameter	Φ4.3mm	Φ4.7mm
Conductor size	0.34mm ² (43 x 0.1)	0.34mm ² (43 x 0.1)
Approvals	UL pending	UL pending
Features	Flame retardant Halogen free Oil resistance	Flame retardant Halogen free Oil resistance
Temperature range	Cable fixed : -50C to +80C / Cable moved : -25C to +80C	

PVC Cable

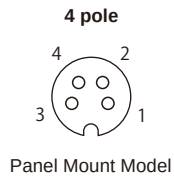
Color	Black	Black
Outer diameter	Φ5mm	Φ4.8mm
Conductor size	0.34mm ² (43 x 0.1)	0.25mm ² (32 x 0.1)
Approvals	UL pending	UL pending
Features	Flame retardant	Flame retardant
Temperature range	-25C to +70C	

PUR Cable

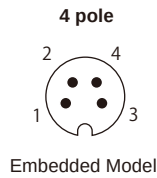
Color	Black	Black
Outer diameter	Φ4.3mm	Φ4.7mm
Conductor size	0.34mm ² (43 x 0.1)	0.34mm ² (43 x 0.1)
Approvals	UL pending	UL pending
Features	Flame retardant Halogen free Oil resistance	Flame retardant Halogen free Oil resistance
Temperature range	Cable fixed : -50C to +80C / Cable moved : -25C to +80C	

M8 Panel Mount /Embedded/Y-Joint Type

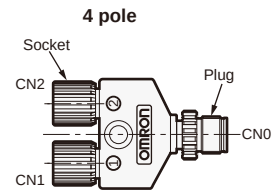
Socket (Female)



Plug (Male)



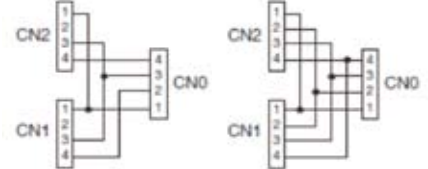
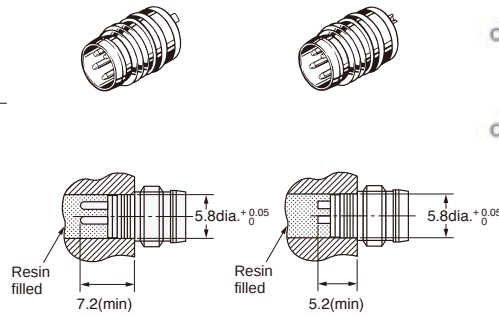
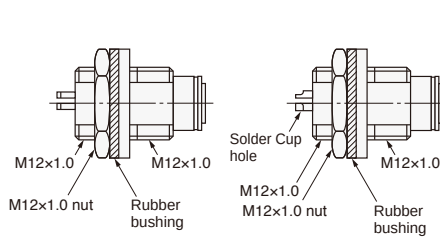
Y-Joint (Plug/Socket)



PCB Terminal	Solder Cup
XS3P-M421-1	XS3P-M421-2

PCB Terminal	Solder Cup
XS3M-K421-1	XS3M-K421-2

XS3R-M426-1	XS3R-M426-5
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Technical data

Rated voltage	125VDC
Rated current	1A
Protection class (IEC60529)	IP67
Temperature range	-25C to +70C

M12 Smartclick Assembled Type

Socket (Female)

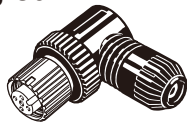
Straight



Cable Diameter

3-4mm	XS5C-D4S5	XS5C-D5S5
4-5mm	XS5C-D4S3	XS5C-D5S3
5-6mm	XS5C-D4S1	XS5C-D5S1
6-7mm	XS5C-D4S9	XS5C-D5S9
7-8mm	XS5C-D4S7	XS5C-D5S7

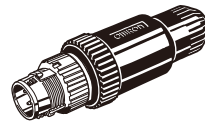
Angled



Cable Diameter

3-4mm	XS5C-D4S6	-
4-5mm	XS5C-D4S4	-
5-6mm	XS5C-D4S2	-

Plug (Male)



Cable Diameter

3-4mm	XS5G-D4S5	XS5G-D5S5
4-5mm	XS5G-D4S3	XS5G-D5S3
5-6mm	XS5G-D4S1	XS5G-D5S1
6-7mm	XS5G-D4S9	XS5G-D5S9
7-8mm	XS5G-D4S7	XS5G-D5S7



Cable Diameter

3-4mm	XS5G-D4S6	-
4-5mm	XS5G-D4S4	-
5-6mm	XS5G-D4S2	-

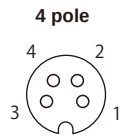
Contact terminations are screws

Technical data

Rated voltage	125VDC, 250VAC
Rated current	4A
Protection class (IEC60529)	IP67
Temperature range	-25C to +70C

M8 / M12 Cable type for IP69K

M8 Socket (Female)



1 Brown 2 White
3 Blue 4 Black

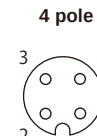
Straight



Cable Length (m)

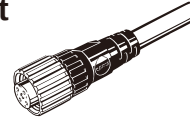
PVC	2.0	XS3F-E421-402-A
	5.0	XS3F-E421-405-A
	10.0	XS3F-E421-410-A

M12 Socket (Female)



1 Brown 2 White
3 Blue 4 Black

Straight



XS2F-E421-D80-E
XS2F-E421-G80-E
XS2F-E421-J80-E

Angled



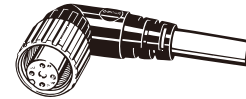
Cable Length (m)

PVC	2.0	XS3F-E422-402-A
	5.0	XS3F-E422-405-A
	10.0	XS3F-E422-410-A

Technical data

Rated voltage	125VDC
Rated current	1A
Protection class (IEC60529)	IP69K
Temperature range	-25C to +70C

Angled



XS2F-E422-D80-E
XS2F-E422-G80-E
XS2F-E422-J80-E

Technical data

125VDC, 250VAC
4A
IP69K
-25C to +105C

Material

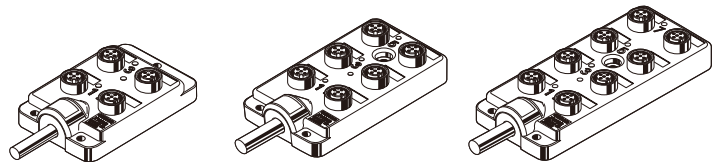
Contact / Surface	Copper Alloy / Nickel base, Au0.4μm
Connector housing	PBT resin (UL94V-0)
Cover	Polyester elastomer (UL94V-0)
Nut / Surface	Stainless Steel

PVC Cable

Color	Dark Grey
Outer diameter	Φ4.0mm
Conductor size	0.2mm ² (18 X 0.12)
Approvals	-
Features	-

Black
Φ6.0mm
0.5mm ² (45 X 0.12)
-
High temperature cable

M12 Terminal Box



	Cable Length 5m	4 Port	6 Port	8 Port
M12	3-wire NPN / 2-wire 3-4	XW3B-P455-G11	XW3B-P655-G11	XW3B-P855-G11
	2-wire 1-4 / without polarity 3-4	XW3B-P452-G11	XW3B-P652-G11	XW3B-P852-G11
	3-wire PNP / 2-wire 1-4	XW3B-P453-G11	XW3B-P653-G11	XW3B-P853-G11
M12 Smartclick	3-wire NPN / 2-wire 3-4	XW3D-P455-G11	-	XW3D-P855-G11
	2-wire 1-4 / without polarity 3-4	XW3D-P452-G11	-	XW3D-P852-G11
	3-wire PNP / 2-wire 1-4	XW3D-P453-G11	-	XW3D-P853-G11