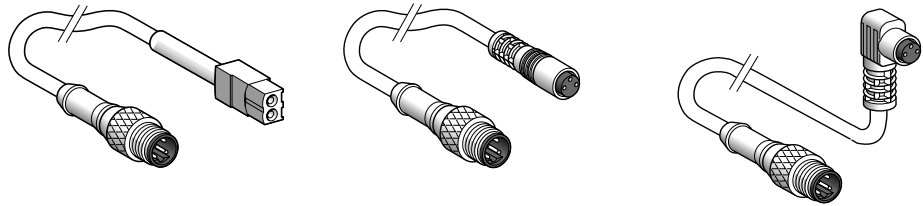


References,
characteristics,
dimensions,
connections

AS-i cabling system

Installation system
Extension cables with M12 male, female for terminal connections and Ø 8 mm female connectors



Male connector type	M12, 2-pin, straight	M12, 3-pin, straight	
Female connector type	For terminal connections	Ø 8 mm, 3-pin, straight	Ø 8 mm, 3-pin, elbowed
References			
PvR cable, colour black	L = 0.5 m	XZ-MG11 (1)	–
	L = 1 m	–	XZ-CR1501040G1
	L = 2 m	–	XZ-CR1501040G2
Weight (kg)	0.070	0.050 (L = 1 m), 0.080 (L = 2 m)	

Characteristics			
Type of connector	Male: screw threaded. Female: clip (2)		
Degree of protection (3)	IP 67 (male connector)	IP 65	
Ambient air temperature	- 10...+ 50 °C	- 35...+ 80 °C	
Conductor c.s.a.	2 x 0.5 mm ²	3 x 0.34 mm ²	
Cable Ø	5 mm	5 mm	
Nominal voltage	≐ 12...48 V	~ 60 V, ≐ 75 V	
Nominal current	3 A	4 A	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	

Dimensions			
XZ-MG11	XZ-CR1501040G●	XZ-CR1502040G●	
(1) Fitting for terminal connections	L = 1 or 2 m	L = 1 or 2 m	

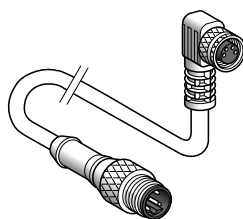
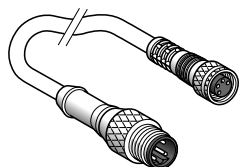
Connections			
XZ-MG11	XZ-CR1501040G●, XZ-CR1502040G●		

- (1) Do not use on an AS-i installation.
- (2) Clip together connector, without locking.
- (3) Degree of protection when connectors correctly clipped together and with clamping ring correctly tightened, on screw versions.

References,
characteristics,
dimensions,
connections (continued)

AS-i cabling system

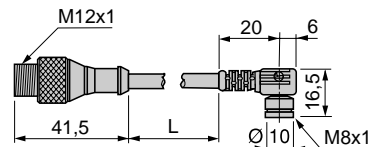
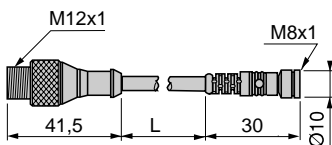
Installation system
Extension cables with M12 male and M8 female connectors



M12, 3-pin, straight		M12, 4-pin, straight	
M8, 3-pin, straight	M8, 3-pin, elbowed	M8, 4-pin, straight	M8, 4-pin, elbowed
-		-	
XZ-CR1509040H1	XZ-CR1510040H1	XZ-CR1509041J1	XZ-CR1510041J1
XZ-CR1509040H2	XZ-CR1510040H2	XZ-CR1509041J2	XZ-CR1510041J2
0,050 (L = 1 m), 0,080 (L = 2 m)		0,055 (L = 1 m), 0,090 (L = 2 m)	
Male and female: screw threaded			
IP 67			
- 35...+ 80 °C			
3 x 0.34 mm ²		4 x 0.34 mm ²	
5 mm		5 mm	
~ 60 V, --- 75 V			
4 A			
≤ 5 mΩ			

XZ-CR1509040H●, XZ-CR1509041J●

XZ-CR1510040H●, XZ-CR1510041J●

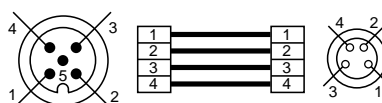
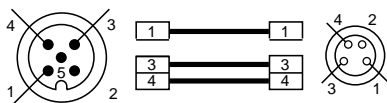


L = 1 or 2 m

L = 1 or 2 m

XZ-CR1509040H●, XZ-CR1510040H●

XZ-CR1509041J●, XZ-CR1510041J●



References,
characteristics,
dimensions,
connections (continued)

AS-i cabling system

Installation system
Extension cables with M12 male and M12 female connectors

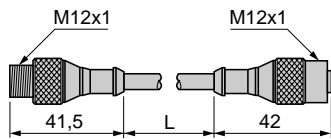


Male connector type	M12, 3-pin, straight				
Female connector type	M12, 3-pin, straight	M12, 3-pin, elbowed	M12, 3-pin, straight	M12, 3-pin, elbowed	
References					
PvR cable, colour black	L = 1 m	XZ-CR1511040A1	XZ-CR1512040A1	XZ-CR1511040E1	XZ-CR1512040E1
	L = 2 m	XZ-CR1511040A2	XZ-CR1512040A2	XZ-CR1511040E2	XZ-CR1512040E2
Weight (kg)	0.065 (L = 1 m), 0.095 (L = 2 m)				

Characteristics	
Type of connector	Male and female: screw threaded
Degree of protection (1)	IP 67
Ambient air temperature	- 35...+ 80 °C
Conductor c.s.a.	3 x 0.34 mm ² (black)
Cable Ø	5 mm
Nominal voltage	~ 250 V, --- 300 V
Nominal current	4 A
Contact resistance	≤ 5 mΩ

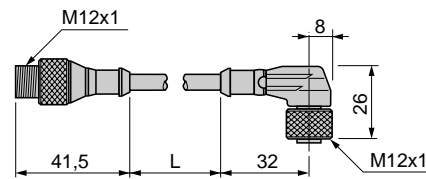
Dimensions

XZ-CR1511040A●, XZ-CR1511040E●



L = 1 or 2 m

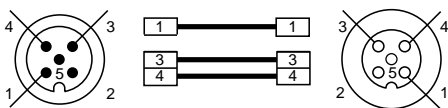
XZ-CR1512040A●, XZ-CR1512040E●



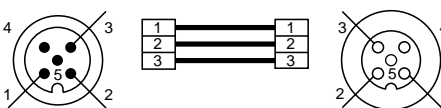
L = 1 or 2 m

Connections

XZ-CR1511040A●, XZ-CR1512040A●



XZ-CR1511040E●, XZ-CR1512040E●

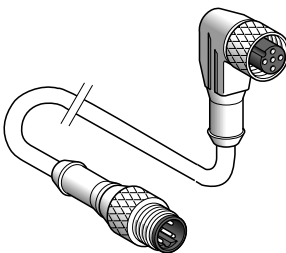
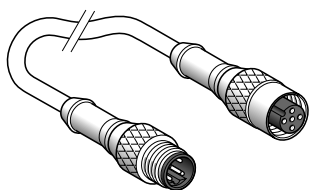


(1) Degree of protection when clamping ring correctly tightened.

References,
characteristics,
dimensions,
connections (continued)

AS-i cabling system

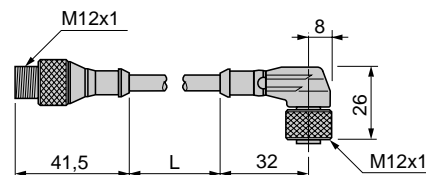
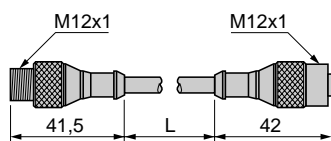
Installation system
Extension cables with M12 male and M12 female connectors



M12, 5-pin, straight		M12, 4-pin, straight		M12, 3-pin, straight	
M12, 5-pin, straight	M12, 5-pin, elbowed	M12, 4-pin, straight	M12, 4-pin, elbowed	M12, 3-pin, straight	M12, 3-pin, elbowed
XZ-CR1511064D1	XZ-CR1512064D1	XZ-CR1511041C1	XZ-CR1512041C1	XZ-CR1511062B1	XZ-CR1512062B1
XZ-CR1511064D2	XZ-CR1512064D2	XZ-CR1511041C2	XZ-CR1512041C2	XZ-CR1511062B2	XZ-CR1512062B2
0.080 (L = 1 m), 0.130 (L = 2 m)		0.065 (L = 1 m), 0.095 (L = 2 m)			
Male and female: screw threaded					
IP 67					
- 35...+ 80 °C					
4 x 0.34 mm ² + 1 x 0.5 mm ²		4 x 0.34 mm ²		3 x 0.5 mm ²	
5.8 mm		5 mm		5 mm	
~ 30 V, ≍ 36 V		~ 250 V, ≍ 300 V		~ 30 V, ≍ 36 V	
4 A					
≤ 5 mΩ					

XZ-CR1511064D●, XZ-CR1511041C●, XZ-CR1511062B●

XZ-CR1512064D●, XZ-CR1512041C●, XZ-CR1512062B●



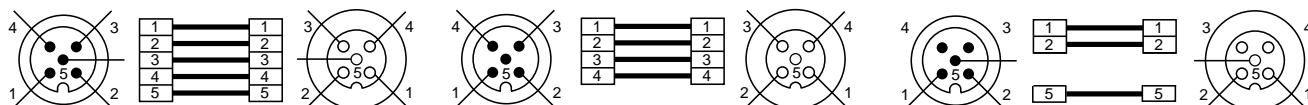
L = 1 or 2 m

L = 1 or 2 m

XZ-CR1511064D●, XZ-CR1512064D●

XZ-CR1511041C●, XZ-CR1512041C●

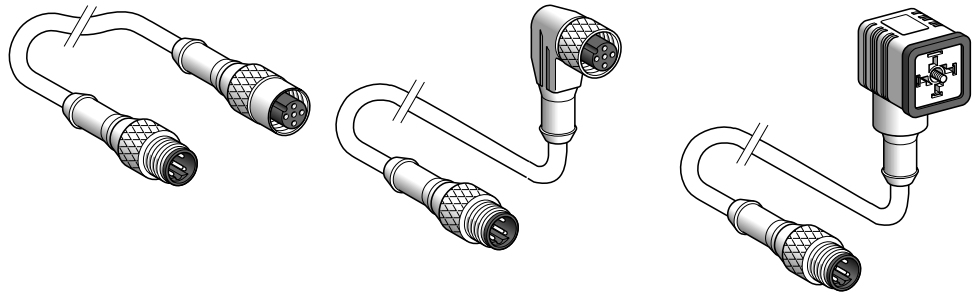
XZ-CR1511062B●, XZ-CR1512062B●



References,
characteristics,
dimensions,
connections (continued)

AS-i cabling system

Installation system
Extension cables with M12 male, M12 female
or DIN 43650 A connectors



Male connector type	M12, 3-pin, straight		
Female connector type	M12, 3-pin, straight	M12, 3-pin, elbowed	DIN 43650 A elbowed

References

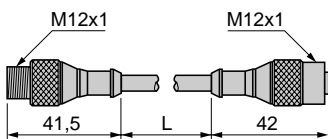
PvR cable, colour black	L = 1 m	XZ-CR1511062F1	XZ-CR1512062F1	XZ-CR1523062K1
	L = 2 m	XZ-CR1511062F2	XZ-CR1512062F2	XZ-CR1523062K2
Weight (kg)	0.065 (L = 1 m), 0.095 (L = 2 m)			0.080 (L = 1 m), 0.110 (L = 2 m)

Characteristics

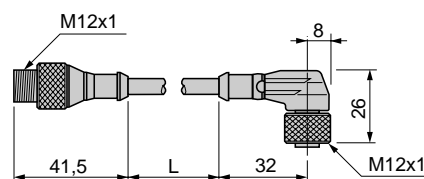
Type of connector	Male and female: screw threaded
Degree of protection (1)	IP 67
Ambient air temperature	- 35...+ 80 °C
Conductor c.s.a.	3 x 0.5 mm ²
Cable Ø	5 mm
Nominal voltage	~ 30 V, = 36 V
Nominal current	4 A
Contact resistance	< 5 mΩ

Dimensions

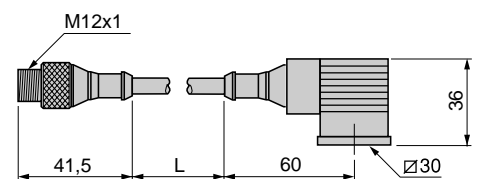
XZ-CR1511062F●



XZ-CR1512062F●



XZ-CR1523062K●



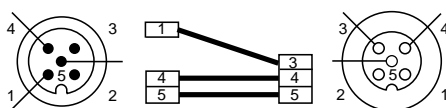
L = 1 or 2 m

L = 1 or 2 m

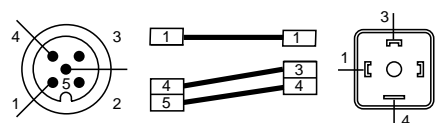
L = 1 or 2 m

Connections

XZ-CR1511062F●, XZ-CR1512062F●



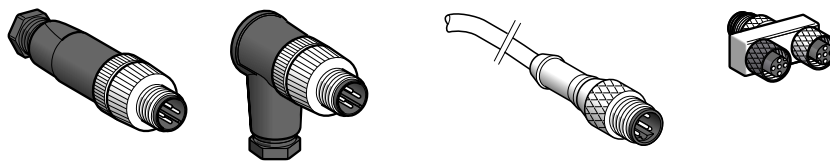
XZ-CR1523062K●



(1) Degree of protection when clamping ring correctly tightened.

AS-i cabling system

Installation system
M12 male connectors and extension cables
M12, 2-way splitter boxes



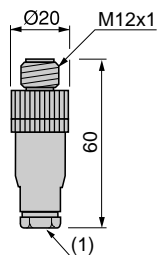
Male connector type	M12, 4-pin, straight	M12, 5-pin, straight		
References				
Connection to cable by screw terminal connections	XZ-CC12MDM40B	XZ-CC12MCM40B	–	–
PvR cable, colour black	L = 0.5 m	–	XZ-CP1564L05	–
	L = 1 m	–	XZ-CP1564L1	–
	L = 2 m	–	XZ-CP1564L2	–
2-way splitter (M12 female connectors, 5 contacts)	–	–	–	XZ-LC1220C1
Weight (kg)	0.020	0.020	0.040 (L = 0,5 m), 0.065 (L = 1 m), 0.115 (L = 2 m)	0.035

Characteristics

Type of connector	Male: screw threaded, metal clamping ring (1)	Male: screw threaded	Male and female: screw threaded
Degree of protection (2)	IP 67	IP 67	IP 67
Ambient air temperature	- 40...+ 85 °C	- 35...+ 80 °C	- 15...+ 90 °C
Conductor c.s.a.	For terminal connections: 4 x 0.75 mm ² max	4 x 0.34 mm ² + 1 x 0.5 mm ² Cable Ø 5.8 mm	–
Nominal voltage	~ 125 V, ~ 150 V	~ 30 V, ~ 36 V	~ 10...30 V
Nominal current	3 A	4 A	4 A per way: 4 A max
Contact resistance	≤ 8 mΩ	≤ 5 mΩ	≤ 5 mΩ

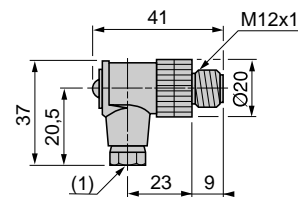
Dimensions

XZ-CC12MDM40B



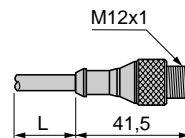
(1) 7 mm plastic cable gland

XZ-CC12MCM40B



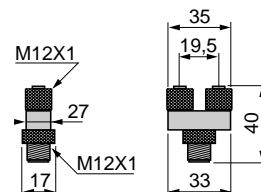
(1) 7 mm plastic cable gland

XZ-CP1564L●



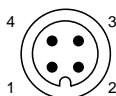
L = 0.5, 1 or 2 m

XZ-LC1220C1

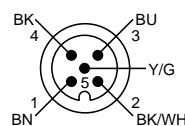


Connections

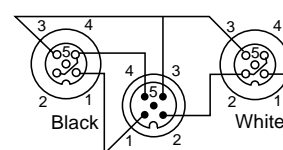
XZ-CC12M●M40B



XZ-CP1564L●



XZ-LC1220C1



(1) To order a connector with a plastic clamping ring (completely plastic cased connector) replace the 2nd letter **M** in the selected reference with a letter **P**.
Example: **XZ-CC12MDM40B** becomes **XZ-CC12MDP40B**.

(2) Degree of protection when clamping ring correctly tightened and cable gland correctly seated.