

---

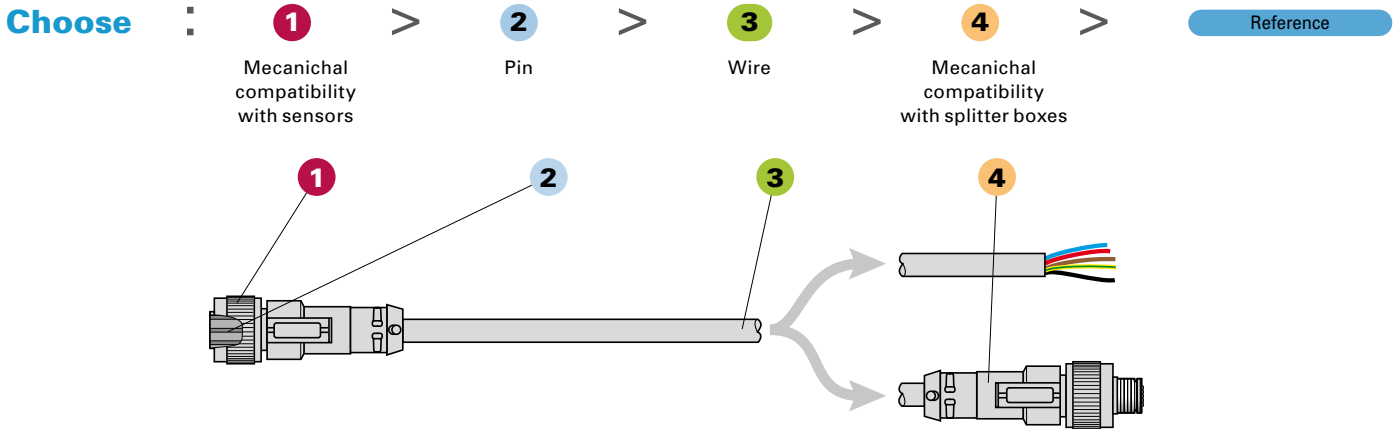
# Telemecanique Sensors Cabling components

## Panorama



Simply easy!™

# General



## > PUR cable for severe industrial environments

Designed for the most demanding industrial requirements, they are halogen free, UL certified and have high degrees of protection (IP67 and IP69K).

## > PUR shielded for disturbed electromagnetic environments

This range also includes shielded PUR cables especially suitable for analogical signals in very disturbed electromagnetic environments.

## > PVC cable for general use

Recommended for machines in non demanding environments and subject only to moderate mechanical stress.

## > F&B cable reinforced cable for food & beverage environments

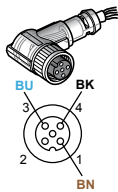
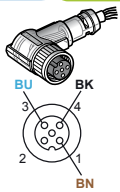
Featuring hygienic design stainless steel 316L connectors with smooth clamping ring, these products are resistant to withstand high pressure washing and disinfection using aggressive products.

# Pre-wired connectors **M12**

### M12 female

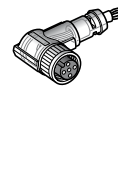
5 pin

3-wire



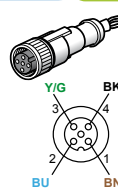
5 pin

4-wire



5 pin

4-wire



	5 pin / 3-wire			5 pin / 4-wire		5 pin / 4-wire
	Stainless steel	metal		metal		metal
	LED PNP	LED PNP	LED NPN			
<b>PUR</b>						
0.5 m						
1 m						
2 m	XZCP2540L2	XZCP1340L2	XZCP1440L2	XZCP1141L2	XZCP1241L2	XZCP1169L2
5 m	XZCP2540L5	XZCP1340L5	XZCP1440L5	XZCP1141L5	XZCP1241L5	XZCP1169L5
10 m	XZCP2540L10	XZCP1340L10	XZCP1440L10	XZCP1141L10	XZCP1241L10	XZCP1169L10
15 m				XZCP1141L15	XZCP1241L15	
20 m				XZCP1141L20	XZCP1241L20	
<b>Shield</b>						
2 m				XZCPB1141L2	XZCPB1241L2	
5 m				XZCPB1141L5	XZCPB1241L5	
10 m				XZCPB1141L10	XZCPB1241L10	
<b>PVC</b>						
1 m						
2 m		XZCPV1340L2		XZCPV1141L2	XZCPV1241L2	
5 m		XZCPV1340L5		XZCPV1141L5	XZCPV1241L5	
10 m		XZCPV1340L10		XZCPV1141L10	XZCPV1241L10	
<b>F&amp;B</b>						
2 m				XZCPA1141L2	XZCPA1241L2	
5 m				XZCPA1141L5	XZCPA1241L5	
10 m				XZCPA1141L10	XZCPA1241L10	

# Pre-wired connectors M8

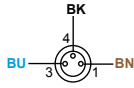
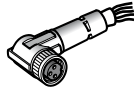
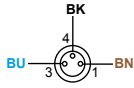
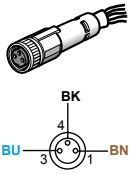
## M8 female

3 pin

3-wire

3 pin

3-wire



LED PNP

LED NPN

PUR

2 m	XZCP0566L2	XZCP0666L2	XZCP0766L2	XZCP0866L2	XZCP0941L2	XZCP1041L2	0,5 m	XZCP2737L05
5 m	XZCP0566L5	XZCP0666L5	XZCP0766L5	XZCP0866L5	XZCP0941L5	XZCP1041L5	1 m	XZCP2737L1
10 m	XZCP0566L10	XZCP0666L10	XZCP0766L10	XZCP0866L10	XZCP0941L10	XZCP1041L10	2 m	XZCP2737L2

PVC

2 m	XZCPV0566L2	XZCPV0666L2	XZCPV0766L2	XZCPV0941L2	XZCPV1041L2
5 m	XZCPV0566L5	XZCPV0666L5	XZCPV0766L5	XZCPV0941L5	XZCPV1041L5
10 m	XZCPV0566L10	XZCPV0666L10	XZCPV0766L10	XZCPV0941L10	XZCPV1041L10

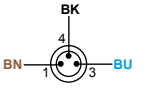
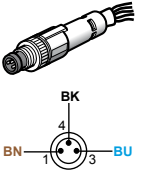
F&B

5 m	XZCPA0566L5	XZCPA0941L5
10 m	XZCPA0566L10	XZCPA0941L10

## M8 male

3 pin

3-wire



# Pre-wired connectors Ø8

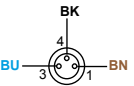
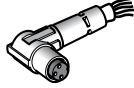
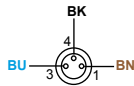
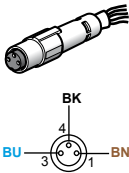
## Ø8 female

3 pin

3-wire

3 pin

3-wire



LED PNP

LED NPN

PUR

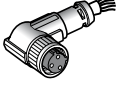
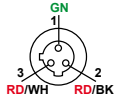
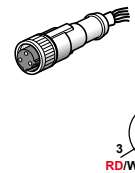
2 m	XZCP0166L2	XZCP0266L2	XZCP0366L2	XZCP0466L2
5 m	XZCP0166L5	XZCP0266L5	XZCP0366L5	XZCP0466L5
10 m	XZCP0166L10	XZCP0266L10	XZCP0366L10	XZCP0466L10

# Pre-wired connectors 1/2"

## 1/2" female

3 pin

3-wire



PUR	2 m	XZCP1865L2	XZCP1965L2
	5 m	XZCP1865L5	XZCP1965L5
	10 m	XZCP1865L10	XZCP1965L10
PVC	2 m	XZCPV1865L2	XZCPV1965L2
	5 m	XZCPV1865L5	XZCPV1965L5
	10 m	XZCPV1865L10	XZCPV1965L10
F&B	5 m	XZCPA1865L5	XZCPA1965L5
	10 m	XZCPA1865L10	XZCPA1965L10

5 pin		5-wire		5 pin		5-wire		M12 male		4 pin		4-wire		5 pin		5-wire	
<p>Wiring diagram for 5-pin M12 female connector: Pin 1 (left) is BK/WH, Pin 2 (right) is BN, Pin 3 (top) is BU, Pin 4 (right) is BK, Pin 5 (left) is YIG.</p>		<p>Wiring diagram for 5-pin M12 female connector: Pin 1 (left) is WH, Pin 2 (right) is BN, Pin 3 (top) is BU, Pin 4 (right) is BK, Pin 5 (left) is GY.</p>		<p>Wiring diagram for 4-pin M12 male connector: Pin 1 (left) is BN, Pin 2 (right) is WH, Pin 3 (top) is BU, Pin 4 (right) is BK.</p>		<p>Wiring diagram for 5-pin M12 male connector: Pin 1 (left) is BN, Pin 2 (right) is BK/WH, Pin 3 (top) is BU, Pin 4 (right) is BK, Pin 5 (left) is YIG.</p>											
metal		metal		metal		metal		metal		metal		metal					
XZCP1164L2		XZCP1264L2		XZCP1164L5		XZCP1264L5		XZCP1541L05		XZCP1541L1		XZCP1541L2		XZCP1564L05		XZCP1564L1	
XZCP1164L10		XZCP1264L10												XZCP1564L2			

XZCPV1164L2	XZCPV1264L2	XZCPV11V12L2	XZCPV12V12L2	XZCPV1541L1	XZCPV51V3L1	XZCPV1564L1
XZCPV1164L5	XZCPV1264L5	XZCPV11V12L5	XZCPV12V12L5	XZCPV1541L2	XZCPV51V3L2	XZCPV1564L2
XZCPV1164L10	XZCPV1264L10	XZCPV11V12L10	XZCPV12V12L10	XZCPV1541L5	XZCPV51V3L5	XZCPV1564L5
XZCPA1164L2		XZCPA1164L5		XZCPA1164L10		

# Pre-wired connectors 7/8"

7/8" female

		3 pin		5 pin		3 pin		4 pin		5 pin	
<b>PUR</b>	2 m	XZCP1662L2	XZCP1670L2	XZCP1764L2	XZCP1774L2	<b>PVC</b>	2 m	XZCPV1670L2	XZCPY4275L2	XZCPY1764L2	
	5 m	XZCP1662L5	XZCP1670L5	XZCP1764L5	XZCP1774L5		5 m	XZCPV1670L5	XZCPY4275L5	XZCPY1764L5	
	10 m		XZCP1670L10	XZCP1764L10	XZCP1774L10		10 m	XZCPV1670L10	XZCPY4275L10	XZCPY1764L10	

## Jumpers M12 - M8

		5 pin		5 pin / 90°		5 pin	
		3 pin		4 pin			
<b>PUR</b>	1 m	XZCR2711037T1	XZCR2712037T1				
	2 m	XZCR2711037T2	XZCR2712037T2				
<b>PVC</b>	1 m			XZCRV2611V3Z1			
	2 m			XZCRV2611V3Z2			

## Jumpers M12 - M12

		5 pin		5 pin / 90°		5 pin		5 pin / 90°		5 pin		5 pin / 90°	
		5 pin		5 pin		5 pin		5 pin		5 pin			
<b>PUR</b>	1 m	XZCR1511040A1	XZCR1512040A1	XZCR1511040E1	XZCR1512040E1	XZCR1511062F1	XZCR1512062F1	XZCR1511041C1	XZCR1512041C1				
	2 m	XZCR1511040A2	XZCR1512040A2	XZCR1511040E2	XZCR1512040E2	XZCR1511062F2	XZCR1512062F2	XZCR1511041C2	XZCR1512041C2				
<b>Shield</b>	2 m							XZCRB151141C2					
	5 m							XZCRB151141C5					
<b>PVC</b>	1 m	XZCRV1511040A1	XZCRV1512040A1					XZCRV1511041C1	XZCRV1512041C1				
	2 m	XZCRV1511040A2	XZCRV1512040A2					XZCRV1511041C2	XZCRV1512041C2				
	5 m							XZCRV1511041C5	XZCRV1512041C5				
<b>F&amp;B</b>	2 m	XZCRA151140A2						XZCRA151141C2					
	5 m	XZCRA151140A5						XZCRA151141C5					

		5 pin		5 pin / 90°		5 pin		5 pin / 90°	
		5 pin		5 pin / 90°					
<b>PUR</b>	1 m	XZCR1511064D1	XZCR1512064D1						
	2 m	XZCR1511064D2	XZCR1512064D2						
<b>PVC</b>	1 m	XZCRV1511064D1		XZCRV5111V3C1	XZCRV5112V3C1				
	2 m	XZCRV1511064D2		XZCRV5111V3C2	XZCRV5112V3C2				
<b>F&amp;B</b>	2 m	XZCRA151164D2							
	5 m	XZCRA151164D5							

## Jumpers M8 - M8

M8 female	3 pin	3 pin / 90°	3 pin	4 pin	4 pin / 90°	4 pin	
Male	M8 / 3 pin		M8 / 4 pin	M8 / 3 pin		M8 / 4 pin	
PUR	1 m	XZCR2705037R1	XZCR2706037R1	XZCR2605P1X1	XZCR2709037S1	XZCR2710037S1	XZCR2609P2Y1
	2 m	XZCR2705037R2	XZCR2706037R2	XZCR2605P1X2	XZCR2709037S2	XZCR2710037S2	XZCR2609P2Y2
PVC	1 m						XZCRV2605V2X1
	2 m						XZCRV2605V2X2

## Jumpers Ø8 - M12

Ø8 female	3 pin	3 pin / 90°	
M12 male	5 pin		
PUR	1 m	XZCR1501040G1	XZCR1502040G1
	2 m	XZCR1501040G2	XZCR1502040G2

## Jumpers M8 - M12

M8 female	4 pin	4 pin / 90°	4 pin	4 pin / 90°	3 pin
Male	M12 / 5 pin		M12 / 5 pin		M12 / 5 pin
PUR	1 m	XZCR1509040H1	XZCR1510040H1	XZCR1509041J1	XZCR1510041J1
	2 m	XZCR1509040H2	XZCR1510040H2	XZCR1509041J2	XZCR1510041J2
PVC	1 m	XZCRV1509041J1			XZCRV1501040G1
	2 m	XZCRV1509041J2			XZCRV1501040G2
F&B	2 m	XZCRA150941J2			
	5 m	XZCRA150941J5			

## Connectors M8

M8 female	M8 male	M8 female			
3 pin	3 pin	4 pin			
By axial IDC (1)	XZCC8FDM30V	XZCC8FCM30V	XZCC8MDM30V	XZCC8FDM40V	XZCC8FCM40V
To solder terminals	XZCC8FDM30S	XZCC8FCM30S	XZCC8FDM40S	XZCC8FCM40S	

(1) IDC (Insulation Displacement Connector)

## Jumper for valve

EN 175301-803-A / Female 4 pin		
M12 male 5 pin		
PUR	1 m	XZCR1523062K1
	2 m	XZCR1523062K2

## Connector for valve

EN 175301-803-A female	
4 pin	
To screw terminals	XZCC43FCP40B

# Connectors M12

M12 Female	M12 Male	M12 Female	M12 Male
4 pin	4 pin	5 pin	5 pin
To screw terminals	LED PNP	XZCC12FDM50B	XZCC12FDM50B
Plastic clamping ring	XZCC12FDP40B	XZCC12FCM50B	XZCC12FCM50B
Metal clamping ring	XZCC12FDM40B	XZCC12MCM50B	XZCC12MCM50B
Metal clamping ring	XZCC12FCM40B	XZCC12MDM50B	XZCC12MDM50B
To screw terminals	XZCC12MCP40B	XZCC12MDB50R	XZCC12MDB50R
To spring terminals	XZCC12MDM40B	XZCC12MCM40B	

# Connectors M18

M18 female	1/2" female	1/2" male
4 pin	3 pin	3 pin
To screw terminals	Metal clamping ring	XZCC20FDM30B
XZCC18FDP40B	To screw terminals	XZCC20FCM30B
XZCC18FCP40B	XZCC20MDM30B	XZCC20MCM30B

# Connectors M23

M23 female	M23 female	M23 male
16 pin	19 pin	19 pin
To solder terminals	XZCC23FDM160S	XZCC23FDM190S
XZCC23FCM160S	XZCC23FCM190S	XZCC23MDM190S
	XZCC23MCM190S	

# Connector adaptors

Size of tapped hole	Pg11	Pg13.5	M20x1.5	Pg13.5	M20x1.5	Pg13.5
Male connector	M12 Plastic			M12 Metal		7/8" Metal
	5 pin	4-wire		5 pin	5-wire	5 pin
	XZCE11P124M	XZCE13P124M	XZCE03P124M	XZCE13M125M	XZCE03M125M	XZCE13M785M

**Schneider Electric Industries SAS**  
 Head Office  
 35, rue Joseph Monier - CS 30323  
 F92500 Rueil-Malmaison Cedex  
 France  
 www.tesensors.com  
 998-1183720\_GMA-GB  
 ART. 838918

Due to evolution of standards and equipment, characteristics indicated in texts and images in this document are binding only after confirmation by our departments.

Design : IGS-CP  
 Photos : Schneider Electric  
 Print :

[www.tesensors.com](http://www.tesensors.com)

D/A4ED1121216EN