

Cable Connectors

Product group		Cable Connectors			
					
Type	General purpose (screw)		General purpose (snap)	General purpose - extended wiring	small size (screw or snap)
Order reference	Y92E-M08	Y92E-M12	Y92E-MS08	XS2F-□-A	XS3F-□-A
Applicable/ Recommended Sensors	Inductive: E2A-□-M5, E2A-□-M3, E2E small diameter, E2EL, E2C-EDA photoelectric: E3Z, E3G-L1/L3, E3C, E3X All sensors with M8-junction connectors -M3J, -M5J		Photoelectric: E3F2, E3G-(M)R, E3G-(M)L7, E3S-C, E3MV, E3NT Inductive: E2□-□-M1, E2E, E2E□, E2F All sensors with M12 junction connector -M1J	Inductive: E2A-□-M5, E2A-□-M3, E2E small diameter, E2EL, E2C-EDA See Y92E-M12 plus AC 2-wire types: E2E-□Y, E2F-□Y, E3F2-□Z	Inductive: E2A-□-M3, E2E small diameter, E2EL, E2C-EDA Photoelectric: E3Z, E3G-L1/L3, E3C, E3X All sensors with M8-junction connectors -M3J
Features	- 3 or 4 pin - LED optionally		3 or 4 pin	2, 3, 4 or 5 wire	4 pin
Size	M8		M8	M12	M8
Material	Nut	Brass (CuZn) or zinc diecast (ZnAl Cu)		PUR	brass
	Cable	PVC or PUR		PVC or PUR	PVC

Product group		Cable Connectors			
					
Type	Robot cable (vibration resistant)		Detergent resistant ¹		M12 fire retardant
Order reference	XS3F-□-R	XS2F-□-R	Y92E-S08	Y92E-S12	XS2F-□-F
Applicable/ Recommended Sensors	See Y92E-M08	See Y92E-M12	See Y92E-M08	See Y92E-M12	See Y92E-M12
Features	4 pin	3, 4 or 5 wire	3 or 4 pin	3, 4 or 5 wire	3, 4 or 5 wire
Size	M8	M12	M8	M12	M12
Material	Nut	brass		stainless steel	brass
	Cable	PVC			PVC

¹ Please contact your OMRON representative for these models

General Purpose Cable Connectors (M8 / M12)

Y92E

Model Number Legend

Y92E - - -

1 2 3 4 5 6 7 8 9

1. Connector type

- M: standard female screw on connector
- S: stainless steel female screw on connector
- MM: male metric screw plug
- MS: female snap connector

2. Size

- 08: M8 size
- 12: M12 size

3. Material

- PVC: PVC cable
- PUR: PUR cable

4. Nr of poles

- 3: 3 poles
- 4: 4 poles
- 5: 5 poles

5. Shape

- A: angled
- S: straight

6. Length

- 2M: standard 2 m length
- 5M: standard 5 m length
- 10M: standard 10 m length

7. LED

- LED: with LED
- [blank]: no LED

8. Specials

9. Supply code

- L, -H (represent supply codes.

Ordering information

General purpose models

Product description ¹	Connector	Size	Cable material	Poles	Type	Length (m)	LED	Nut
Y92E-M08PUR3A2M-x	female	M8	PUR	3	Angled	2	no	-H: Zinc diecast (ZnAl Cu) -L: brass (CuZn)
Y92E-M08PUR3A5M-x						5		
Y92E-M08PUR3A10M-x						10		
Y92E-M08PUR3S2M-x					Straight	2		
Y92E-M08PUR3S5M-x						5		
Y92E-M08PUR3S10M-x						10		
Y92E-M08PUR4A2M-x				4	Angled	2		
Y92E-M08PUR4A5M-x						5		
Y92E-M08PUR4A10M-x						10		
Y92E-M08PUR4S2M-x					Straight	2		
Y92E-M08PUR4S5M-x						5		
Y92E-M08PUR4S10M-x						10		
Y92E-M08PVC3A2M-x			PVC	3	Angled	2		
Y92E-M08PVC3A5M-x						5		
Y92E-M08PVC3A10M-x						10		
Y92E-M08PVC3S2M-x					Straight	2		
Y92E-M08PVC3S5M-x						5		
Y92E-M08PVC3S10M-x						10		
Y92E-M08PVC4A2M-x				4	Angled	2		
Y92E-M08PVC4A5M-x						5		
Y92E-M08PVC4A10M-x						10		
Y92E-M08PVC4S2M-x					Straight	2		
Y92E-M08PVC4S5M-x						5		
Y92E-M08PVC4S10M-x						10		

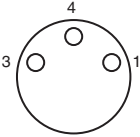
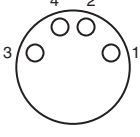
Product description ¹	Connector	Size	Cable material	Poles	Type	Length (m)	LED	Nut				
Y92E-M12PUR3A2M-x	female	M12	PUR	3	Angled	2	no	-H: Zinc diecast (ZnAl Cu) -L: brass (CuZn)				
Y92E-M12PUR3A5M-x						5						
Y92E-M12PUR3A10M-x						10						
Y92E-M12PUR3S2M-x					Straight	2						
Y92E-M12PUR3S5M-x						5						
Y92E-M12PUR3S10M-x						10						
Y92E-M12PUR4A2M-x				4	Angled	2						
Y92E-M12PUR4A5M-x						5						
Y92E-M12PUR4A10M-x						10						
Y92E-M12PUR4S2M-x					Straight	2						
Y92E-M12PUR4S5M-x						5						
Y92E-M12PUR4S10M-x						10						
Y92E-M12PUR5A2M-x			5	Angled	2							
Y92E-M12PUR5A5M-x					5							
Y92E-M12PUR5S2M-x				Straight	2							
Y92E-M12PUR5S5M-x					5							
Y92E-M12PVC3A2M-x			PVC	3	Angled	2						
Y92E-M12PVC3A5M-x						5						
Y92E-M12PVC3A10M-x						10						
Y92E-M12PVC3S2M-x					Straight	2						
Y92E-M12PVC3S5M-x						5						
Y92E-M12PVC3S10M-x						10						
Y92E-M12PVC4A2M-x				4	Angled	2						
Y92E-M12PVC4A5M-x						5						
Y92E-M12PVC4A10M-x		10										
Y92E-M12PVC4S2M-x		Straight			2							
Y92E-M12PVC4S5M-x					5							
Y92E-M12PVC4S10M-x					10							
Y92E-M12PVC5A2M-x		5		Angled	2							
Y92E-M12PVC5A5M-x					5							
Y92E-M12PVC5A10M-x					10							
Y92E-M12PVC5S2M-x				Straight	2							
Y92E-M12PVC5S5M-x					5							
Y92E-M12PVC5S10M-x					10							
Y92E-M08PUR3A2MLED-x	female (snap)	M8	PUR	3	Angled	2	yes					
Y92E-M08PUR3A5MLED-x			PVC			5						
Y92E-M08PVC3A2MLED-x		M12	PUR			2						
Y92E-M08PVC3A5MLED-x						5						
Y92E-M12PUR3A2MLED-x			PVC			2						
Y92E-M12PUR3A5MLED-x						5						
Y92E-M12PUR3A10MLED-x						10						
Y92E-M12PVC3A2MLED-x						2						
Y92E-M12PVC3A5MLED-x						5						
Y92E-M12PVC3A10MLED-x						10						
Y92E-MS08PVC3A2M-x						M8			PVC	2	no	Snap (PUR)
Y92E-MS08PVC3A5M-x										5		
Y92E-MS08PVC3S5M-x	4	Straight	5									
Y92E-MS08PVC4S5M-x	3	Angled	5	yes								
Y92E-MS08PVC3A5MLED-x												

¹ -L' or '-H' are added to the product description

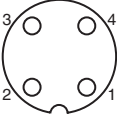
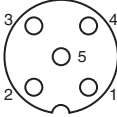
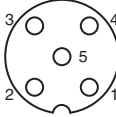
Specifications

Rated current	4 A
Rated voltage	M8 3 pin: 60 V M8 4 pin: 60 V (-H), 30 V (-L) M12 3- or 4-wire: 240 V M12 5-wire: 60 V with LED: 10-30 V
Degree of protection	IP67
Ambient temperature	-25 to +70 °C M12 (PVC cable) -25 to +80 °C M8 and M12 (PUR cable)
Specials	-H: Silicone-free PUR cable: Halogene-free

M8 pin assignment

3 poles		4 poles	
	1 = brown 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black

M12 pin assignment

3 poles		4 poles		5 poles	
	1 = brown 2 = n.c. 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black 5 = n.c.		1 = brown 2 = white 3 = blue 4 = black 5 = green / yellow