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Detergent and wash-down resistant polypropylene cable connectors (M8 / M12)

Y92E-S_PP

- Polypropylene (PP) connectors support wash-down resistance
- Wide operating temperature range: -30 to 90°C
- Support of global industry standards (UL, ECOLAB, etc.)
- Compatible with chemical resistant photoelectric and inductive proximity sensors with 4-pin M12 connectors--E3FC and E2EH series, and 3-pin and 4-pin M8 connectors--E3ZM series
- Cable lengths to match most applications
- Connector shapes to simplify installation--Straight and right angle



Ordering information

Detergent and wash-down resistant models

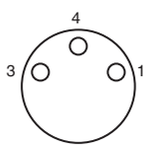
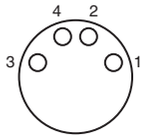
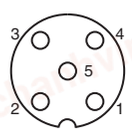
Type	Size	Material		Features	Shape	Length (m)*1	Order code
		Nut	Cable				
Detergent resistant Wash-down	M8	SUS 316L	PP (Polypropylene)	3 pin	Angled	2	Y92E-S08PP3A 2M
						5	Y92E-S08PP3A 5M
					Straight	2	Y92E-S08PP3S 2M
						5	Y92E-S08PP3S 5M
				4 pin	Angled	2	Y92E-S08PP4A 2M
						5	Y92E-S08PP4A 5M
					Straight	2	Y92E-S08PP4S 2M
						5	Y92E-S08PP4S 5M
	M12				Angled	2	Y92E-S12PP4A 2M
						5	Y92E-S12PP4A 5M
					Straight	2	Y92E-S12PP4S 2M
						5	Y92E-S12PP4S 5M

*1 For different cable length please contact your Omron representative

Specifications

Rated current	4 A
Rated voltage	M8: 60 VDC M12 4-wire: 250 VDC
Degree of protection	IP67 / IP68 / IP69K (IEC 60529)
Ambient temperature	–30 to 90°C
Approvals	UL-File Nr. E315587; ECOLAB

Pin arrangement

M8 3 pin		M8 4 pin		M12 4 pin	
	1 = brown 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black 5 = n.c.

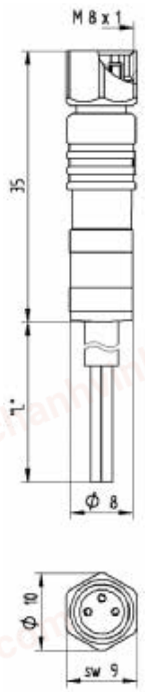
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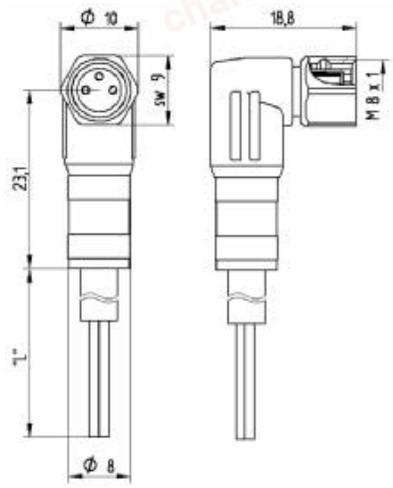
Pin block	PP, white (Polypropylene)
Contacts	Cu/Au, 0.3 µm gold plating
Fixture	Stainless steel
Cover	PP (Polypropylene)
O-ring	EPDM
Cable sheath	TPE (Thermoplastic elastomers)

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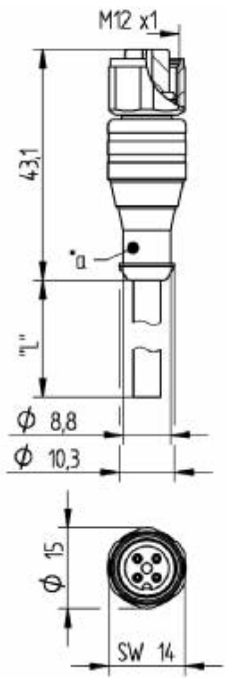
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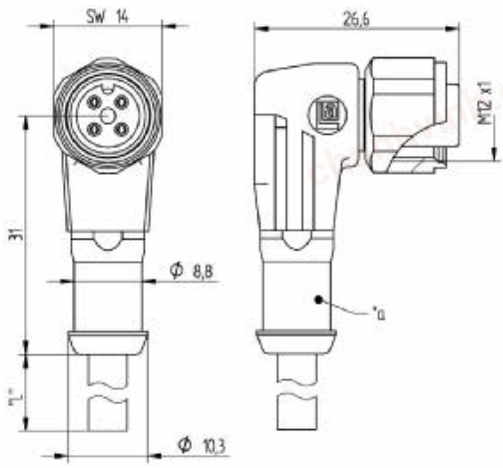
Y92E-S08PP





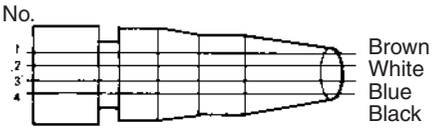
Y92E-S12PP





Wiring Diagram (M8 and M12)

Contact No.



Cable lead colors

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Detergent resistant cable connectors (M8 / M12)

Y92E-S

Detergent and washdown resistant connector cables

- **Food grade SUS316L ferrules** ï Allow sensors to be cleaned in place
- Wide operating temperature range: **-25°C to +70°C**
- **Compatible with chemical resistant photoelectric and inductive proximity sensors** with 4-pin M12 connectorsð E3FC and E2EH series, and 3-pin and 4-pin M8 connectorsð E3ZM series
- **Cable lengths to match most applications** ï 2 m, 5 m and 10 m cable lengths available
- **Connector shapes to simplify installation** ï Straight and right angle connectors

Ordering information

Detergent resistant models

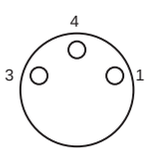
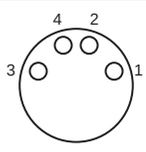
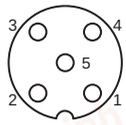
Type	Size	Material		Features	Shape	Length (m)*1	Order code
		Nut	Cable				
Detergent resistant	M8	SUS 316L	PVC	3 pin	Angled	2	Y92E-S08PVC3A2M-L
						5	Y92E-S08PVC3A5M-L
					Straight	2	Y92E-S08PVC3S2M-L
						5	Y92E-S08PVC3S5M-L
				4 pin	Angled	2	Y92E-S08PVC4A2M-L
						5	Y92E-S08PVC4A5M-L
					Straight	2	Y92E-S08PVC4S2M-L
						5	Y92E-S08PVC4S5M-L
	M12				Angled	2	Y92E-S12PVC4A2M-L
						5	Y92E-S12PVC4A5M-L
					Straight	2	Y92E-S12PVC4S2M-L
						5	Y92E-S12PVC4S5M-L

*1 For different cable lengths please contact your Omron representative

Specifications

Rated current	4 A
Rated voltage	M8: 30 VDC M12 4-wire: 250 VDC
Degree of protection	IP67 (IEC 60529); IP69K (after DIN 40050-1)
Ambient temperature	–25°C to +70°C

Pin arrangement

M8 3 pin		M8 4 pin		M12 4 pin	
	1 = brown 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black 5 = n.c.

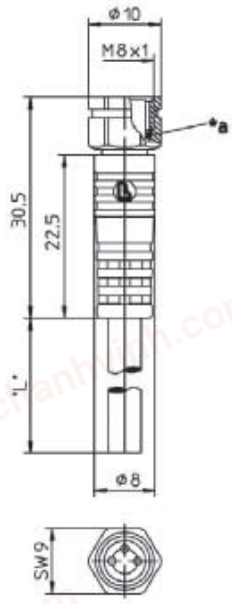
Materials

Pin block	PVC
Contacts	CuSn, nickel base, 0.3 µm gold plating
Fixture	Stainless steel
Cover	PVC
O-ring	EPDM

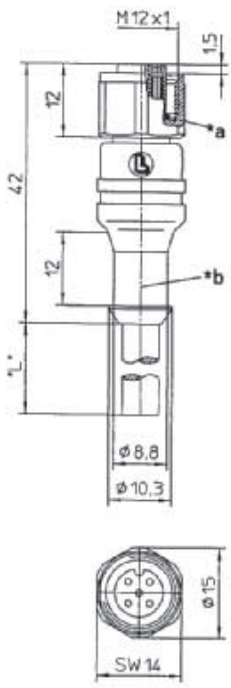
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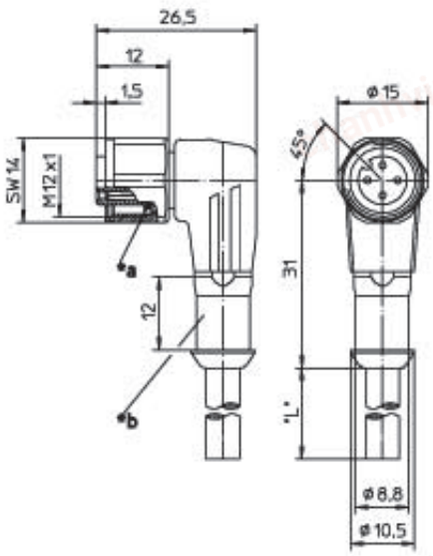
Dimensions

Y92E-S08

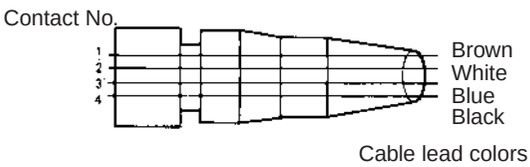


Y92E-S12





Wiring Diagram (M8 and M12)



Cable lead colors

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