

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
	M12			4 pin	Angled	2	Y92E-S08PP4A 2M
						5	Y92E-S08PP4A 5M
					Straight	2	Y92E-S08PP4S 2M
						5	Y92E-S08PP4S 5M
					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

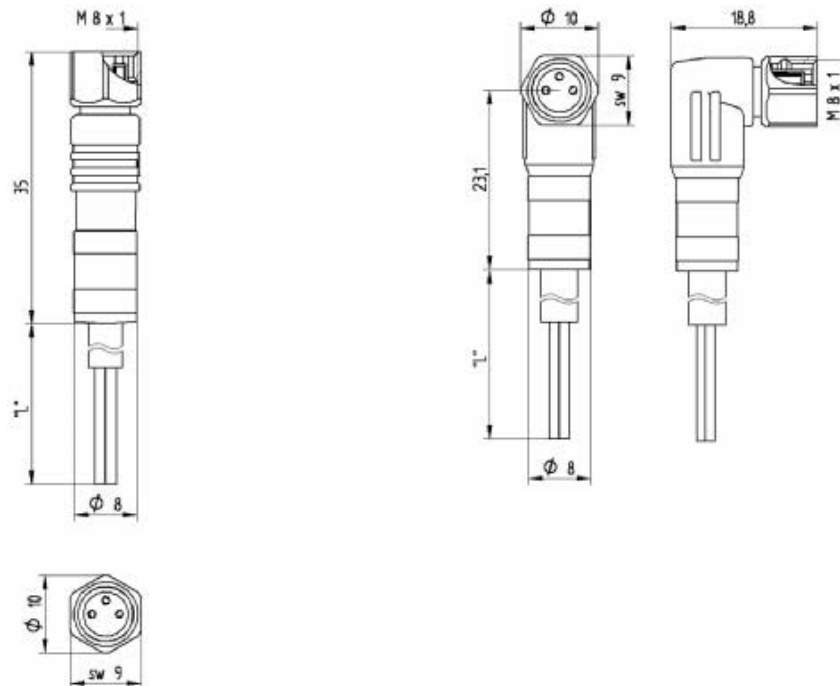
M8 3 pin		M8 4 pin		M12 4 pin	
1 = brown 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black 5 = n.c.	

Materials

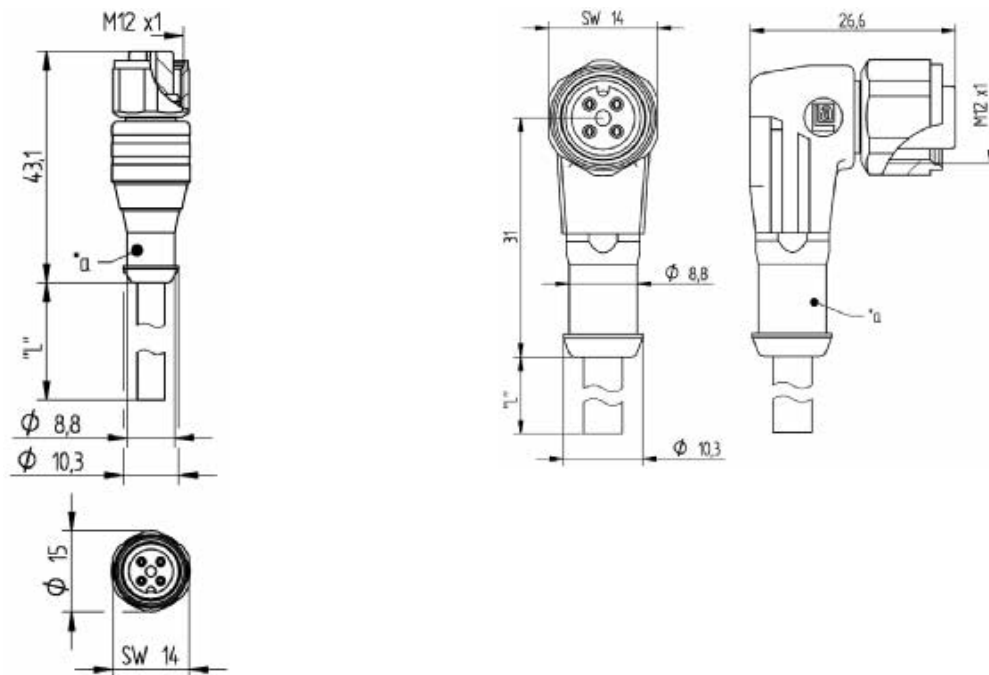
Pin block	PP, white (Polypropylene)
Contacts	Cu/Au, 0.3 µm gold plating
Fixture	Stainless steel
Cover	PP (Polypropylene)
O-ring	EPDM
Cable sheath	TPE (Thermoplastic elastomers)

Dimensions

Y92E-S08PP

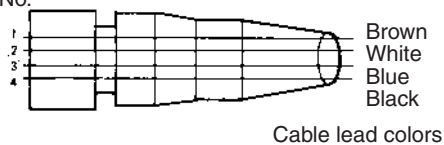


Y92E-S12PP



Wiring Diagram (M8 and M12)

Contact No.



Y92E-S

8 Yhf[YbhUbX'k Ug\ Xck b' fYg]gHUbhWcbbYWcf'WUV'Yg'

- Á ccX[fUXY'GI G' % @Zfffi 'Yg'. ÁQ[, Á^} • [!•Á Á^Á^æ ^áÁ Á |æÁ'
- ÁWide operating temperature range: Á-25°C to +70°C
- Á 7 ca dUjV'Y'k jH 'W Ya jWU'fYg]gHUbhid\ clcY'WfjWUbX'j bXi Wj Y' d fcl ja jImgYbgcf'g', á@ Ë á Á T FGA[] } ^&q !•. ÒHÔÁá áÁOGOPÁ^!a• Ëá áÁ Ë á Áá áÁ Ë á Á Á Á } } ^&q !•. ÒHÔT Á^!a• ÁÁÁÁ
- Á 7 UV'Y'Yb[H g'lc'a UHW 'a cghUdd' jWUjcbg'. ÁÁ Ë Á Áá áÁ ÁÁ Ááá Á^} * c@ Ááááá | ÁÁ
- Á 7 cbbYWcf'g\ UdYg'lc'gja d' jZn]bgH'Ujcb' ÉÁ dæá @Áá áÁÁ @Áá * Á^Á } } ^&q !• Á

Ordering information

Detergent resistant models

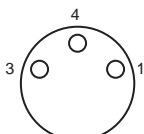
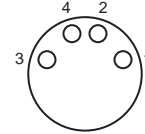
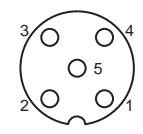
Detergent resistant models							
Type	Size	Material		Features	Shape	Length (m) ¹	Order code
		Nut	Cable				
Öetergent resistant	M8	SUS 316L	PVC	3 pin	Angled	2	Y92E-S08PVC3A2M-L
						5	Y92E-S08PVC3A5M-L
					Straight	2	Y92E-S08PVC3S2M-L
						5	Y92E-S08PVC3S5M-L
	M12			4 pin	Angled	2	Y92E-S08PVC4A2M-L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

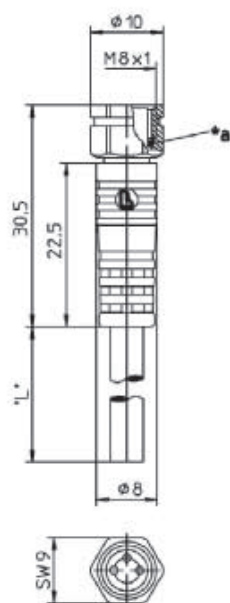
M8 3 pin		M8 4 pin		M12 4 pin	
	1 = brown 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black 5 = n.c.

Materials

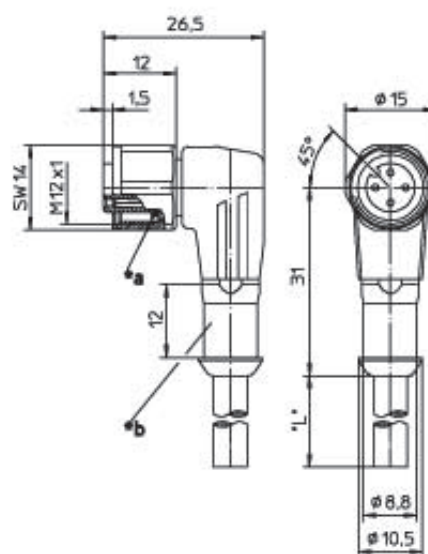
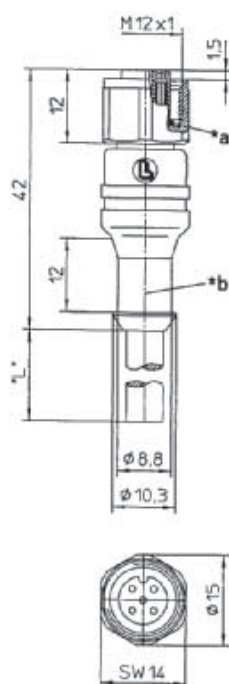
Pin block	PVC
Contacts	CuSn, nickel base, 0.3 µm gold plating
Fixture	Stainless steel
Cover	PVC
O-ring	EPDM

Dimensions

Y92E-S08



Y92E-S12



Wiring Diagram (M8 and M12)

Contact No.



Brown
White
Blue
Black

Cable lead colors

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