

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

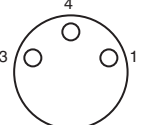
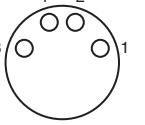
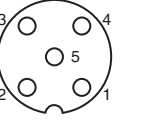
Type	Size	Material		Features	Shape	Length (m) ^{*1}	Order code
		Nut	Cable				
Detergent resistant Wash-down	M8	SUS 316L	PP (Polypropylene)	3 pin	Angled	2	Y92E-S08PP3A 2M
						5	Y92E-S08PP3A 5M
					Straight	2	Y92E-S08PP3S 2M
						5	Y92E-S08PP3S 5M
	M12			4 pin	Angled	2	Y92E-S08PP4A 2M
						5	Y92E-S08PP4A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

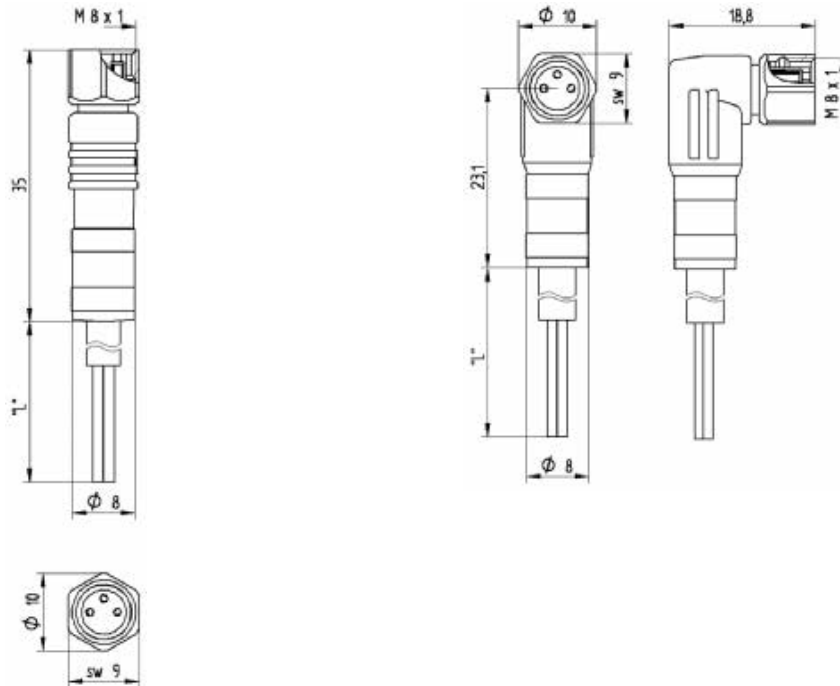
M8 3 pin		M8 4 pin		M12 4 pin	
					
1 = brown 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black		1 = brown 2 = white 3 = blue 4 = black 5 = n.c.	

Materials

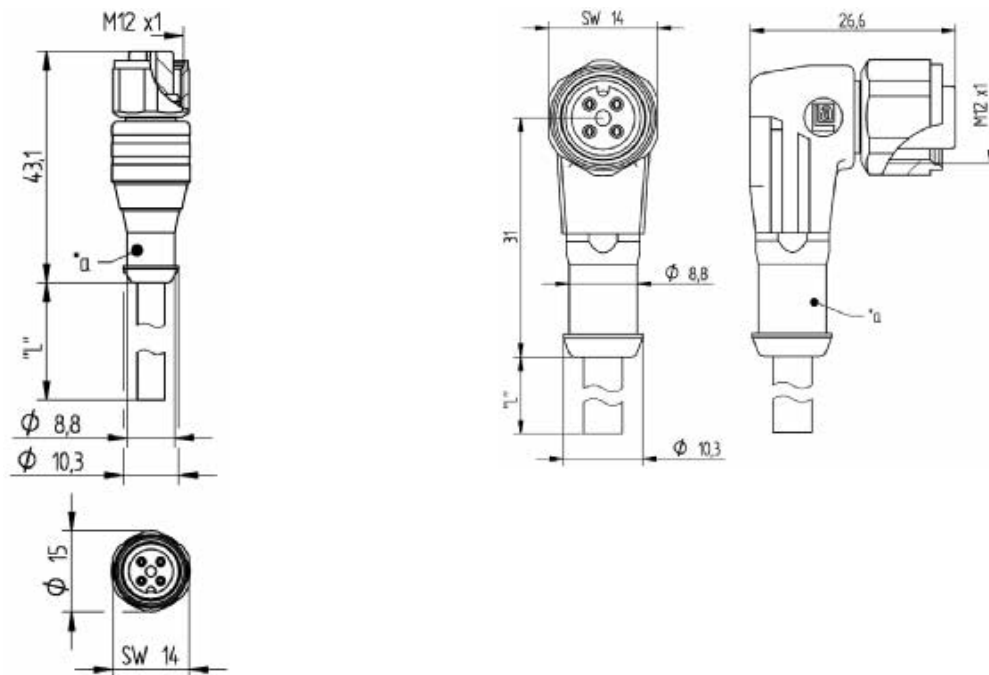
Pin block	PP, white (Polypropylene)
Contacts	Cu/Au, 0.3 µm gold plating
Fixture	Stainless steel
Cover	PP (Polypropylene)
O-ring	EPDM
Cable sheath	TPE (Thermoplastic elastomers)

Dimensions

Y92E-S08PP

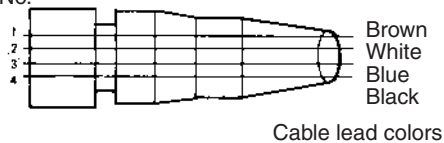


Y92E-S12PP



Wiring Diagram (M8 and M12)

Contact No.



Cable lead colors

ÁY92E-S

■ Á ccX[fUXY'Gl G' % @Zffl `Yg'. Á0[[, Á^} • [! • Á Á^Á/Á^æ^ á/Á Á|æÁ^

■ ÁWide operating temperature range:Á-25°C to +70°C

■ Á 7 ca dUjVY'k jH `W Ya jWU'fYgJgHbhd\ cfcYWWfjWUbX`j bXi Wj Y'dfcl ja jImigYbgcfcg', æ@Á È á Á
T FG&}}^&[! • ÒHÓÁæ áÁÓGOP Á^! a • Éæ áÁÈ á Áæ áÁ È á ÁT | &}}^&[! • ÒH ZT Á^! a • ÁÁÁÁ

■ Á 7 UVY`Yb[H g'hc'a UW `a cghUdd`jWUjcbg'. ÁÁ È Á Áæ áÁÁÁ ÁæáÁ^} * @Á ÁæáááÁ^Á

■ Á 7 cbbYWcf q\ UdYg'hc'gla d`IznIbgHU`UHcb`ÉÁUcæá @Áæ áÁÁ @Áæ * ^Á&}}^&[! • Á

Detergent resistant models

*1 For different cable lengths please contact your Omron representative

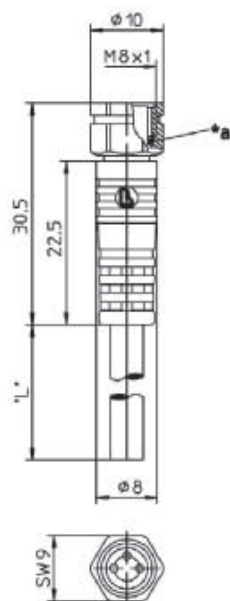
Rated current	4 A
Rated voltage	M8: 30 VDC M12 4-wire: 250 VDC
Degree of protection	IP67 (IEC 60529); IP69K (after DIN 40050-1)
Ambient temperature	−25°C to +70°C

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.

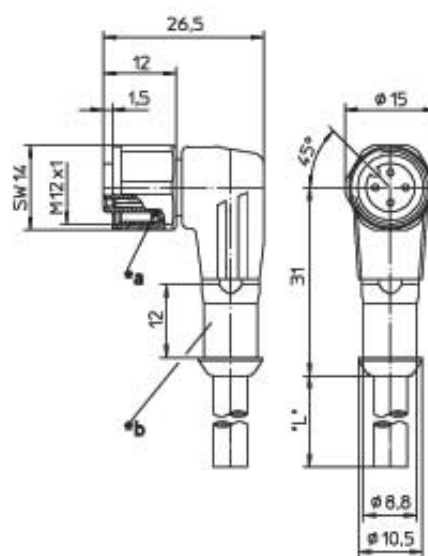
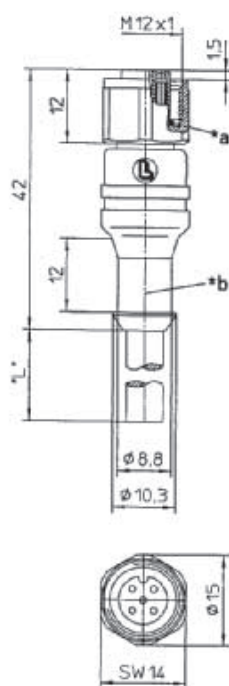
Pin block	PVC
Contacts	CuSn, nickel base, 0.3 μm gold plating
Fixture	Stainless steel
Cover	PVC
O-ring	EPDM

Dimensions

Y92E-S08

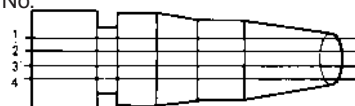


Y92E-S12



Wiring Diagram (M8 and M12)

Contact No.



Brown
White
Blue
Black

Cable lead colors

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