## SAL M8x1/M12x1 Sockets

#### Nomenclature

	S A	L	-		-	8	S	-	F	K	Р	D	Α	3	-	-	XX	-	9	1	G4
SAL Sensor Actor Line																					
<b>Type</b> = Standard																					
Installation size 8 = M8x1 12 = M12x1																					
Coding= A-coding (M12x1), StandB= B-codingBS= B-coding shielded (M8x)SA-coding shielded (M12)	dard (M8x1 1) x1)	)																			
Design F = Socket I = Insolation body																					
Gender K = Female connector S = Male connector																					
Assembly = Front panel mounting P = Positioning possible, from H = Back panel mounting	ntmounting																				
TypeD= Coupling nut turnableV= Square flangeVO= Square flange with o-rin	g sealing																				
Configuration = Axial W = Angled																					
Number of poles   3 = 3-pos. 8   4 = 4-pos. 12   5 = 5-pos. 12	= 8-pos = 12-po	5. )5.																			
LED-Display = Without LEDs 4L = 4 LEDs																					
Type of Connection / InstallationX5= Dip solder 5.5 mmX6= Dip solder 6 mmX8= Dip solder 8.2 mmX9= Dip solder 9 mmX10= Dip solder 10 mm	n height	X1 X1 X1 X1	1 = 2 = 3 = 5 =	Dip si Dip si Dip si Dip si Dip si	older 1 older 1 older 1 older 1	11.2 m 12.2 m 13 mm 15.2 m	m im i			P5 P6 P1 L X>	5,5 = 5.75 = 12 = < =	Dip s Dip s Dip s Dip s Solde Wire,	older older older er tern ⁄Cabl	5.5 m 6.75 r 12 mr ninatic e leng	m nm n on ht [m]						
Pxx = Installation height one-piece so Xxx = Installation height two-piece so	ocket ocket																				
Screw connection = M8x0.5 = M8x1 = M12x1 = M16x1.5		9 11 12	=	= PG9 = PG11 = M12x	:1					20 26	) = 5 =	= Squa = Squa	re flar re flar	nge 20 nge 26	0 x 20 5 x 26						
Cable quality																					

G2 = TPU, black, UL G3 = PVC, grey, UL

# SAL M8x1/M12x1 Sockets

### Product specification

Basic material							
Contact	CuZn						
Contact plating	Nickel plated. gold plated						
Contract coming							
Contact carrier	PBT GF. UL 94 / PA. UL 94 / TPU GF. UL 94						
Sealing	FPM / NRR						
Counter nut	CuZn. nickel plated						
Socket housing	CuZn. nickel plated						
Sealing compound	Polyurethane-resin. UL 94						
Shielding	Spring steel						
Silielding	Spining steel						
Shielding plated	Sn plated						
Coupling nut turnable	GD-Zn. nickel plated						
Light conductor	PA 12						
Technical Data							
Information on the following pages are basing on below mentioned IEC-standards.							
Rated voltage	IEC 61076-2-104 / IEC 61076-2-101						
Current rating	IEC 61076-2-104 / IEC 61076-2-101						
Insulation resistance	1EC 60512						
Degree of pollution	IFC 60664-1						
Degree of protection	IEC 60529						
Mating cycles	IEC 60512-9a						

Recommended torque for housing: 0.8-1.2 Nm

Technical subject to change without notice.



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