

Product catalog

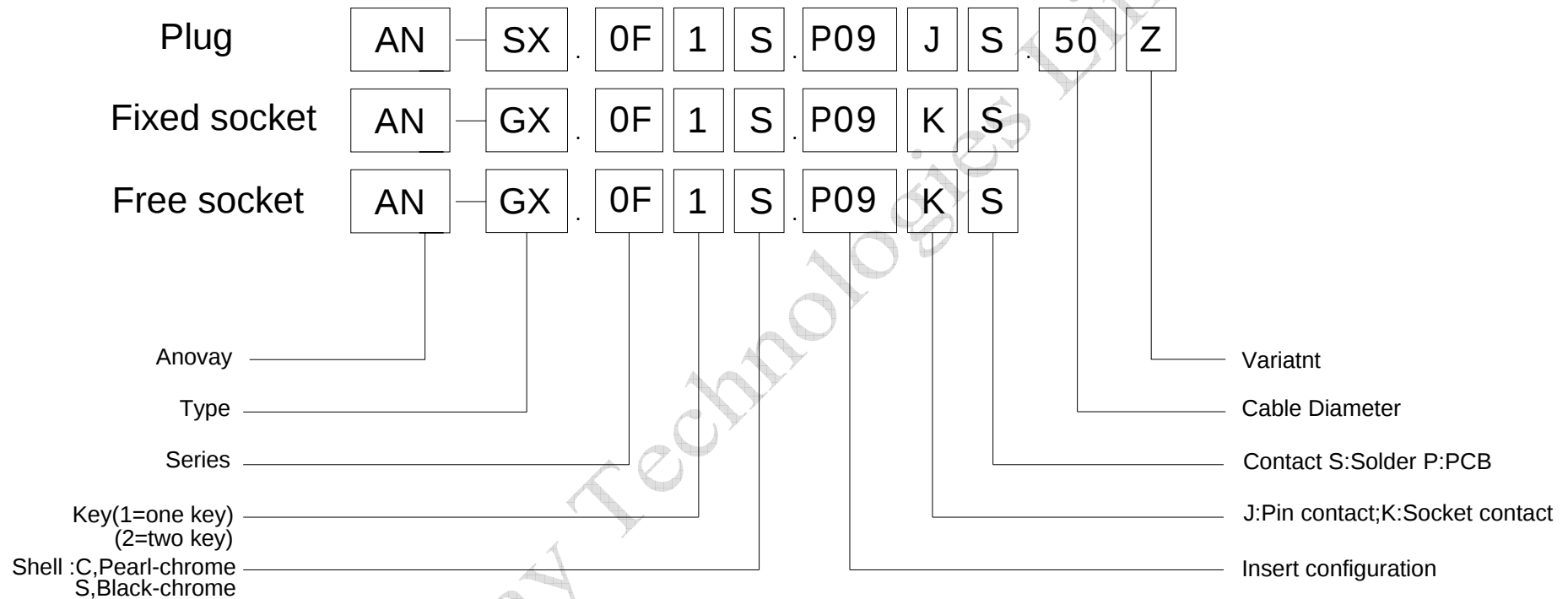
Pull-push F Series Connector

F Series Connector

Product Introduction

F series connector using the push-pull self-locking safety system. plug and device with socket once locked, unless the pull unlocking device, or pull the cable or any other shell parts, do not disconnect. Need to disconnect, only along the axial pull unlocking device, will be the first to unlock the shrapnel, then exit the plug from the socket.

Part Numbering System



Part number example

Straight plug with cable collet:

AN-SX.1F1S.P12JS.70Z = straight plug with key (1) and cable collet, 1F series, multipore type with 12 contacts, outer shell in black chrome-plated brass, PPS insulator, male solder contacts, collet for 7.0 mm diameter cable.

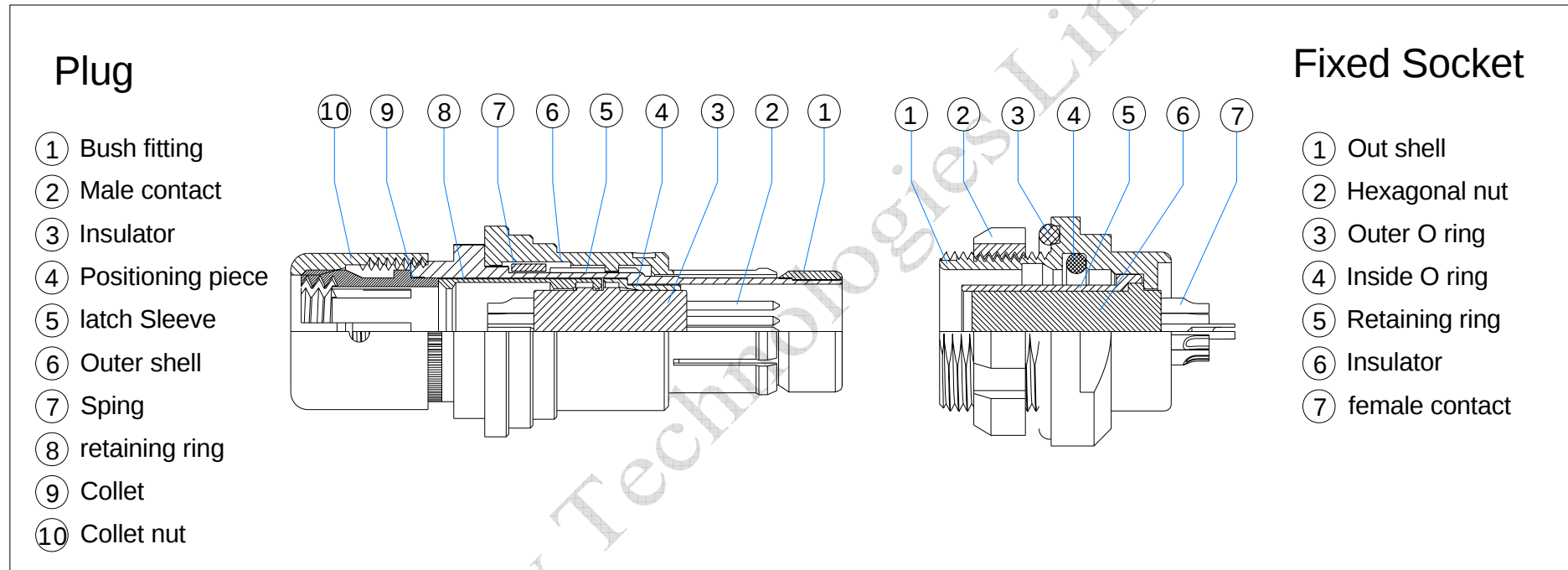
Free socket:

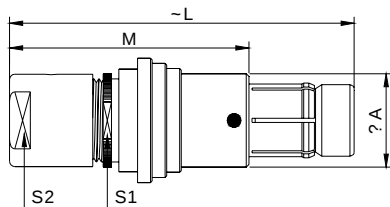
AN.GX.1F2C.P08KS= fixed socket, nut fixing with key(2) and cable collet, 1F series, multipore type with 8 contacts, outer shell in Pearl-chrome plated brass, PPS insulator, female solder contacts.

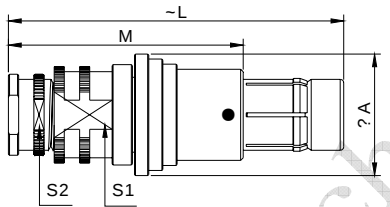
Fixed socket:

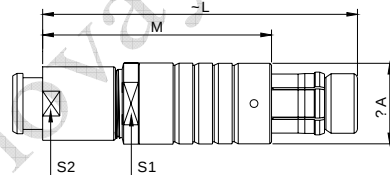
AN.PGX.2F2C.P19KP= free socket, with key(2), 2D series, multipore type with 19 contacts, outer shell in Pearl-chrome plated brass, PPS extended insulator, female PCB.

Part Section Showing Internal Components:

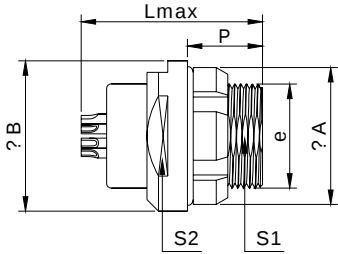


SX	Straight plug, IP68						
	Reference		Dimensions (mm)				
	Model	Series	A	L	M	S1	S2
	AN-SX	0F	9	33	23	8	8
	AN-SX	1F	12	37	26	11	12
	AN-SX	AF	12.3	40	30	11.5	12
	AN-SX	2F	15	43	31	13	13

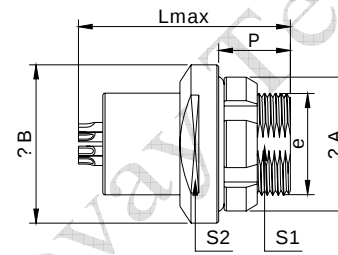
SA	Straight plug, IP68						
	Reference		Dimensions (mm)				
	Model	Series	A	L	M	S1	S2
	AN-SA	0F	9	33	23	8	7
	AN-SA	1F	12	36	26	11	10
	AN-SA	AF	12.3	33	23	11	10
	AN-SA	2F	15	39	39	13	12

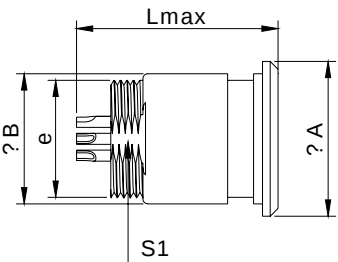
S1	Straight plug, IP68						
	Reference		Dimensions (mm)				
	Model	Series	A	L	M	S1	S2
	AN-S1	0F	9.4	36	26.5	8	8
	AN-S1	1F	12	45	34	10	9
	AN-S1	AF	13	48	38	12	11
	AN-S1	2F	15	50	38	13	12

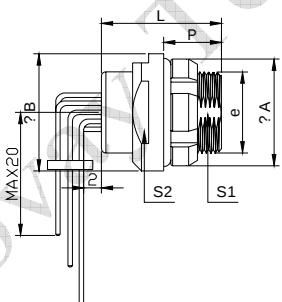
GX fixed socket, nut fixing, back panel mounting IP68

	Reference		Dimensions (mm)						
	Model	Series	A	B	e	L	P	S1	S2
	AN-GX	0F	12	13	M9X0.5	15.7	6.5	8.2	11

G8 fixed socket, nut fixing, back panel mounting IP68

	Reference		Dimensions (mm)						
	Model	Series	A	B	e	L	P	S1	S2
	AN-G8	0F	12	14	M9X0.5	19.2	6.5	8.2	11
	AN-G8	1F	18	18	M14X1.0	24.8	8	12.5	15
	AN-G8	AF	18	19	M14X1.0	23.1	7	12	15
	AN-G8	2F	20.8	21	M16X1.0	24.2	8	14.3	16

PGX free socket, IP68							
	Reference		Dimensions (mm)				
	Model	Series	A	B	e	L	S1
	AN-PGX	0F	12	10	M9X0.5	15.5	8.2
	AN-PGX	1F	16	14	M12X1.0	24.8	9
	AN-PGX	AF	16	14	M12X1.0	23.1	10
	AN-PGX	2F	18	16	M14X1.0	24.2	12

GX fixed socket, nut fixing, back panel mounting IP68									
	Reference		Dimensions (mm)						
	Model	Series	A	B	e	L	P	S1	S2
	AN-GX	0F	12	13	M9X0.5	13.5	6.5	8.2	11

	IF	AF			Insert	Contact Number							
			Diameter 7 A(mm)	Solder contact		PCB Contact	Right Angel PCB Contact	Voltage (KV rms) Contact-contact	Voltage (KV rms) Contact-shield	Rating Current(A)			
			 	 	P08	8	0.7	●	●	●	0.95	1.15	5.0
					P10	10	0.5	●	●	●	0.90	1.50	2.5
			 	 	P12	12	0.5	●	●	●	0.80	1.2	2.0
					P16	16	0.5	●	●	●	0.80	1.25	1.5
					P10	10	0.7	●	●	●	1.40	1.50	4.5
					P12	12	0.5	●	●	●	1.40	1.50	4.5
					P19	19	0.5	●	●	●	1.20	0.90	2.5

2F		

Insert	Contact Number	Diameter $\varnothing$ A(mm)	Solder Contact	PCB Contact	Right Angle PCB Contact	Voltage (KV rms) Contact-Contact	Voltage (KV rms) Contact-Shell	Rating Current(A)
P02	2	1.6	●	○	○	1.80	2.20	20.0
P03	3	1.6	●	○	○	1.60	2.0	18.0
P04	4	1.3	●	○	○	1.80	2.20	12.0
P06	6	0.9	●	○	○	1.70	2.0	6.50

2F		

Insert	Contact Number	Diameter $\varnothing$ A(mm)	Solder Contact	PCB Contact	Right Angle PCB Contact	Voltage (KV rms) Contact-Contact	Voltage (KV rms) Contact-Shell	Rating Current(A)
P08	8	0.9	●	○	○	1.50	1.50	6.20
P16	16	0.7	●	○	○	1.0	1.50	4.0
P19	19	0.7	●	○	○	0.80	1.20	3.50