

S SERIES (Indoor, Stepped insert)

E SERIES (Outdoor, Stepped insert)



S SERIES Metal housing models (page 45)

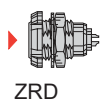
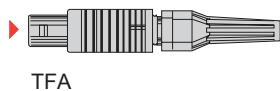
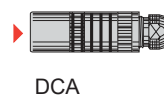
Straight plugs



Fixed sockets

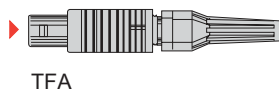


Free sockets

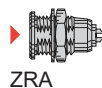


E SERIES Metal housing models (page 48)

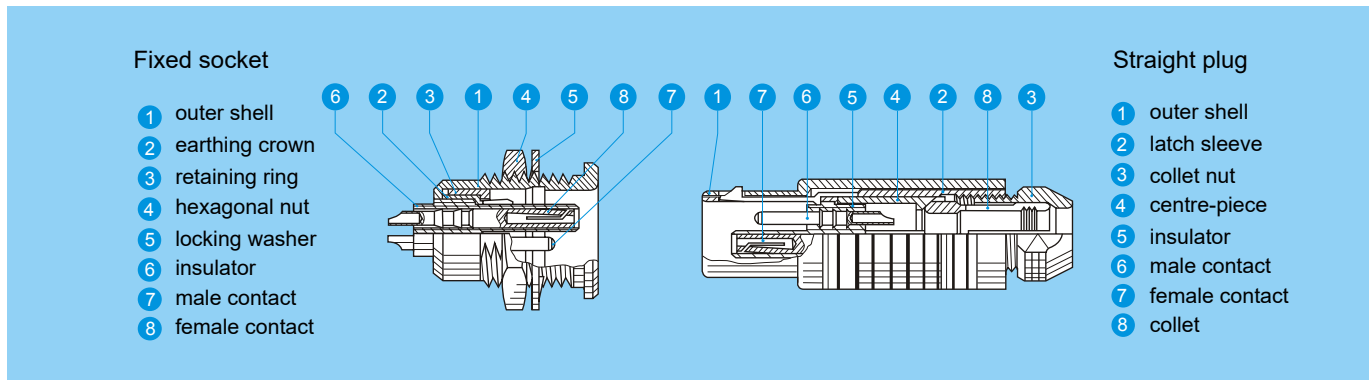
Straight plugs



Fixed sockets



Part Section Showing Internal Components

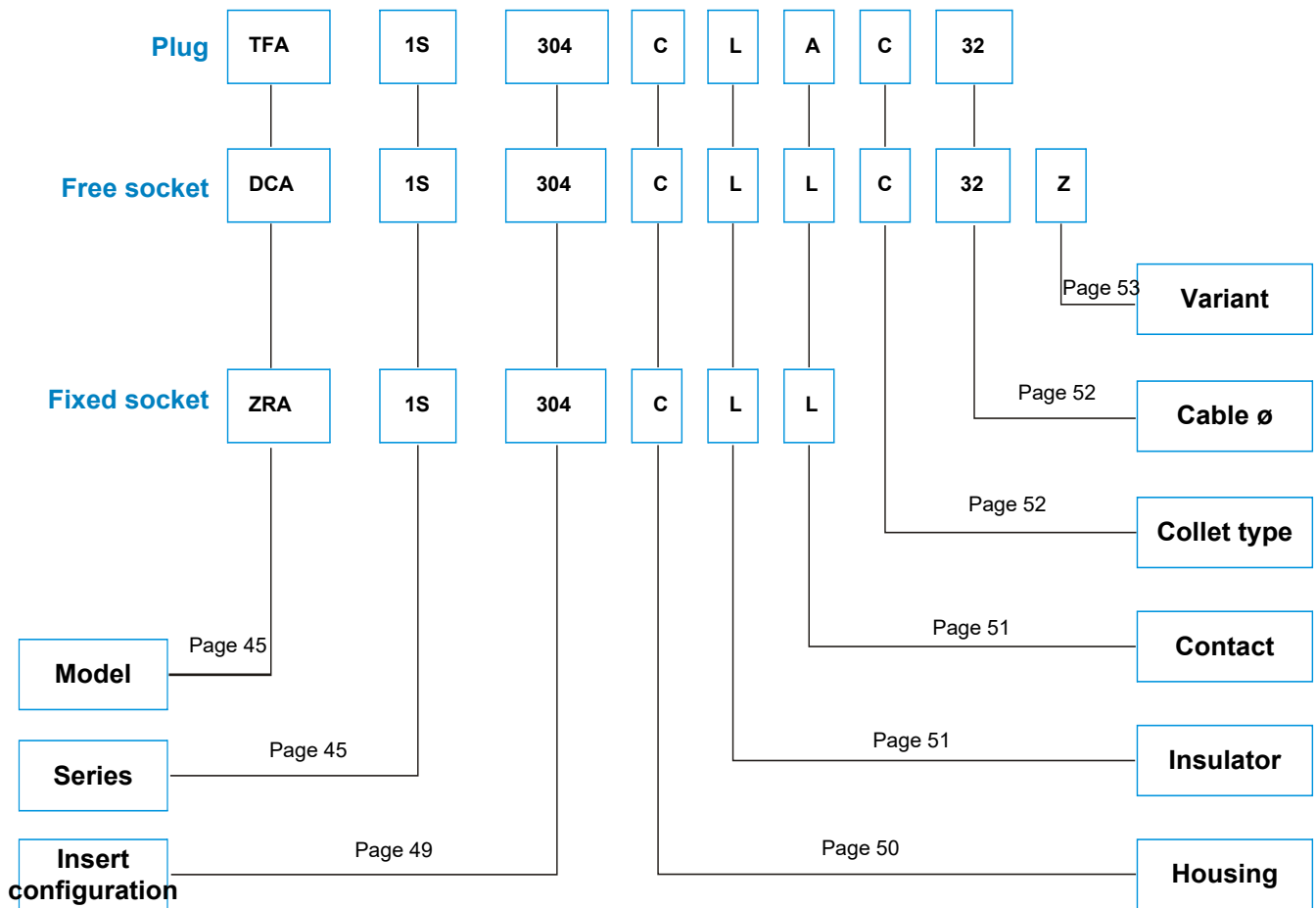


S series connectors have main features as follows:

- security of the Push-Pull self-latching system
- multipole types 2 to 6 contacts
- solder contacts
- high packing density for space savings
- polarisation by stepped insert (half-moon) fitted with male and female contacts
- 360°screening for full EMC shielding.

S Series Connectors Technical Characteristics:

- Endurance: > 5000 cycles
- Humidity: up to 95% at 60° C
- Temperature range: - 45° C, + 125° C
- Resistance to vibrations: 10-2000 Hz, 15g
- Shock resistance: 100 g, 6 ms
- Salt spray corrosion test: > 48h
- Protection index (mated): IP 50

S Series Part Numbering System:

part number example
straight plug with cable collet:

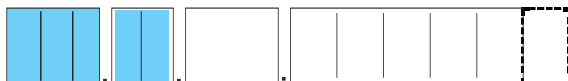
TFA.1S.304.CLAC32 = straight plug with cable collet, 1S series, multipole type with 4 contacts, outer shell in chrome-plated brass, PPS insulator, 2 male and 2 female solder contacts, C type collet for a 3.2 mm diameter cable.

Free socket:

DCA.1S.304.CLLC32Z = free socket, with cable collet, 1S series, multipole type with 4 contacts, outer shell in chrome-plated brass, PPS insulator, 2 female and 2 male solder contacts, C type collet for a 3.2 mm diameter cable and nut for fitting a bend relief.

fixed socket:

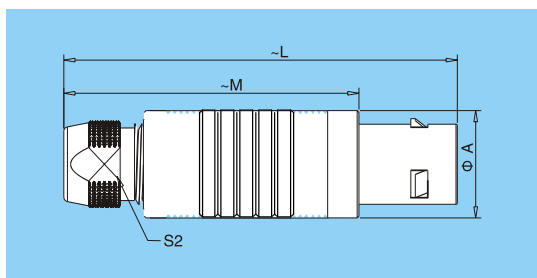
ZRA.1S.304.CLL = fixed socket, nut fixing, 1S series, multipole type with 4 contacts, outer shell in chrome-plated brass, PPS insulator, 2 female and 2 male solder contacts.



Metal Housing Models



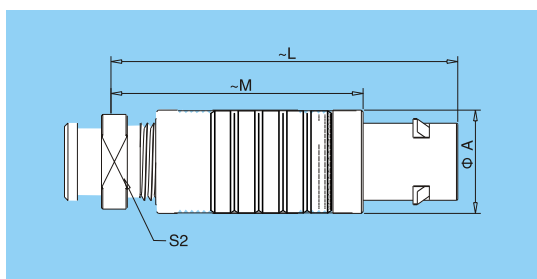
TFA Straight plug, cable collet



Reference		Dimensions (mm)			
Series	Model	A	L	M	S2
0S	TFA	8.8	34.5	24.5	6.5
1S	TFA	11.8	42.5	31.5	8.5
2S	TFA	14.8	52.0	40.0	11.0



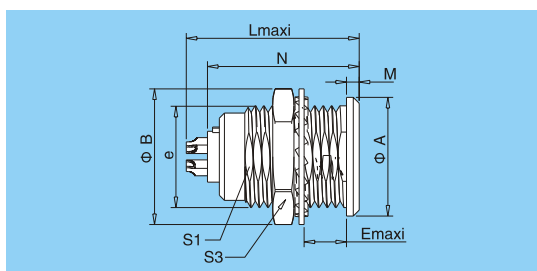
TFA Straight plug, cable collet and nut for fitting a bend relief



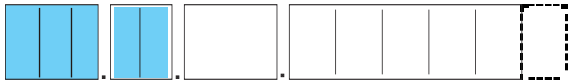
Reference		Dimensions (mm)			
Series	Model	A	L	S1	S2
00	TFA	6.4	26.0	18.0	6
0S	TFA	8.8	34.5	24.5	7
1S	TFA	11.8	42.5	31.5	9
2S	TFA	14.8	52.0	40.0	12



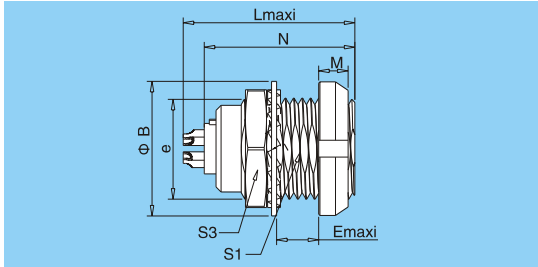
ZRA Fixed socket, nut fixing



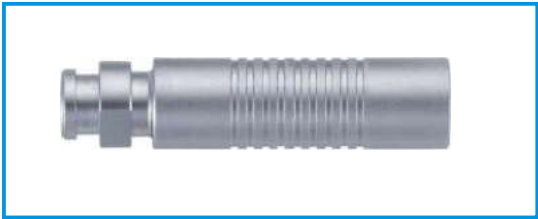
Reference		Dimensions (mm)							
Series	Model	A	B	e	E	L	M	S1	S3
00	ZRA	8	10.2	M7x0.5	5.5	14.5	1.0	6.3	9
0S	ZRA	10	12.3	M9x0.6	7.0	21.3	1.2	8.2	11
1S	ZRA	14	16.0	M12x1.0	7.5	23.2	1.5	10.5	14
2S	ZRA	18	19.2	M15x1.0	8.0	24.8	2.0	13.5	17



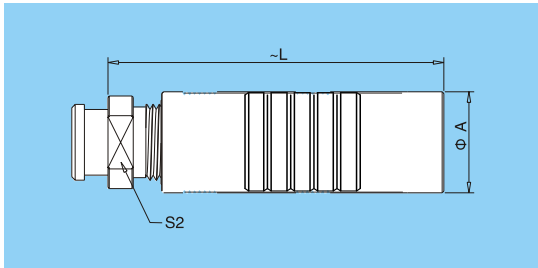
ZRD Fixed socket with two nuts (back panel mounting)



Reference		Dimensions (mm)								
Series	Model	A	B	e	E	L	M	N	S1	S3
0S	ZRD	12	12.5	M9x0.6	5.5	21.3	2.5	19.0	8.2	11
1S	ZRD	16	16.0	M12x1.0	6.0	23.2	3.2	2.01	10.5	14
2S	ZRD	20	20	M15x1.0	6.5	24.8	3.5	24.5	13.5	17



DCA Free socket, cable collet and nut for fitting a bend relief



Reference		Dimensions (mm)		
Series	Model	A	L	S2
0S	DCA	8.9	33.5	7
1S	DCA	11.9	40.5	9
2S	DCA	14.8	50.0	12