

Series S

Technical Characteristics

Mechanical and Climatical

Characteristics	Value	Standard
Endurance	> 5000 cycles	IEC 60512-5 test 9a
Humidity	up to 95% at 60° C	
Temperature range	-55° C, +250° C	
Resistance to vibration	10-2000 Hz, 15 g	IEC 60512-4 test 6d
Shock resistance	100 g, 6 ms	IEC 60512-4 test 6c
Salt spray corrosion test	> 144h	IEC 60512-6 test 11f
Protection index (mated)	IP50	IEC 60529
Climatical category	55/175/21	IEC 60068-1

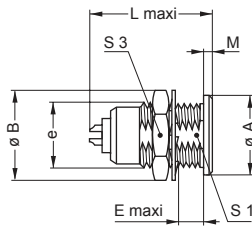
Metal housing models

Electrical

Characteristics	Value	Standard
Shielding efficiency	at 10 MHz	> 75 dB
	at 1 GHz	> 40 dB
		IEC 60169-1-3
		IEC 60169-1-3

Note:

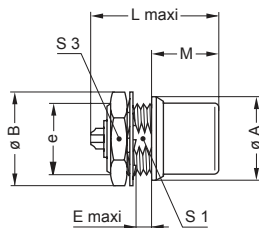
the various tests have been carried out with FGG and EGG connector pairs, with chrome-plated brass shell and PEEK insulator.



ERA Fixed socket, nut fixing

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L ¹⁾	M	S1	S3
ERA	0S	10	12.4	M9x0.6	7.0	17.5	18.0	1.2	8.2	11
ERA	1S	14	15.8	M12x1.0	7.5	20.2	20.5	1.5	10.5	14
ERA	2S	18	19.2	M15x1.0	8.5	24.5	23.5	1.8	13.5	17

Note: ¹⁾ unipole model



EHP Fixed socket, nut fixing, protruding shell

Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L ¹⁾	M	S1	S3
EHP	0S	10	12.4	M9x0.6	2.0	20.5	18.0	12.5	8.2	11
EHP	1S	14	15.8	M12x1.0	3.5	20.2	20.5	12.0	-	14

Note: ¹⁾ unipole model

Order information S

FA A - 1 S - 304 - C L A C 32 Z

1 2 3 4 5 6 7 8 9 10 11

1. Model: F — plug; E — cable receptacle; H — waterproof receptacle;
P — receptacle; X — receptacle PCB soldering
2. Key
3. Size
4. Series
5. Number of contacts: 306 - 4 contacts
6. Body material: C — chromium-plate brass
7. Insulator material: L — PEEK; Y — PEEK, long insulator, crimp
8. Type of pin: L — socket, solder; A — pin; M — socket, crimp;
Y — socket, crimp; V — socket, elbow print
9. Collet mechanism: C — collet for S socket
10. Collet diameter: 32 — 3,2mm
11. Z - shock absorber for cable, option