

Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)[SE series](#)

Number of contacts Low Voltage	10
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2S
Suggested matching part	ERA.2S.310.CLL
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffp-2s-310-clac62z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	2S.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage (kV DC)	1.2
Max. Solid Conductor	0.34 mm ² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.0354in)
Wire Size/AWG	30 - 22

Form & Material

Shell style / Model id	FFP - Straight plug, cable collet and inner anti-rotating device and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	34.13 g

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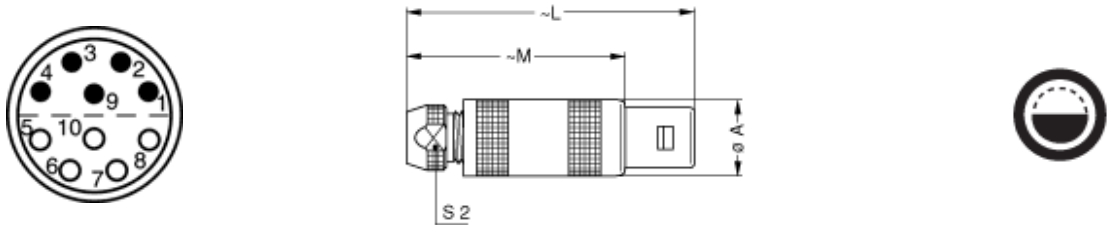
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

Drawings



Dimensions

	S2	A	L	M
mm.	12	14.8	52	40
in.	0.47	0.58	2.05	1.57

Recommended By Lemo

Caps		
Compatible cap	BFG.2B.100.PCSG	
Plastic Cap	BFG.2B.100.PCSG	
Bend Reliefs		
GMA.2B.060.DG	GMA.2B.060.DA	GMA.2B.060.DB
GMA.2B.060.DJ	GMA.2B.060.DM	GMA.2B.060.DN
GMA.2B.060.DR	GMA.2B.060.DS	GMA.2B.060.DV

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110240	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	