

Special



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Summary

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SE series

Number of contacts Low Voltage	8
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.30 - 7.20 mm
Size	2S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffe-2s-308-clac72z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	2S.308 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Test voltage (kV DC)	1.2
Max. Solid Conductor	0.34 mm ² (AWG 22)
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	30 - 22

Form & Material

Shell style / Model id	FFE - Straight plug, cable collet, front seal and nut for fitting a bend relief (IP54 when mated)
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	38.57 g

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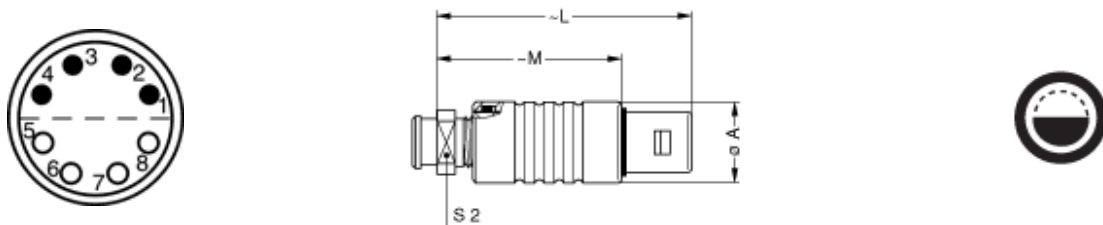
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP54
Endurance	1000 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]	6.30 - 7.20 mm

Drawings



Dimensions

	L	M	S2	A
mm.	52	40	12	16
in.	2.05	1.57	0.47	0.63

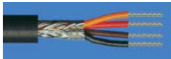
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Recommended By Lemo

Bend Reliefs		
GMA.2B.070.DG	GMA.2B.070.DA	GMA.2B.070.DB
GMA.2B.070.DJ	GMA.2B.070.DM	GMA.2B.070.DN
GMA.2B.070.DR	GMA.2B.070.DS	GMA.2B.070.DV

Cables

Cable PartNumber	Material	Colour	Cable image
108220	PVC	Black	
280250	PVC	Grey	