

Special



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Summary

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SE series

Number of contacts Low Voltage	12
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M25
Jacket cable outside diameter [mm]	3.00 - 23.60 mm
Size	4S
Suggested matching part	FFA.4S.312.CLAC10
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/erd-4s-312-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	12
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	4S.312 - 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Test voltage (kV DC)	3
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20

Form & Material

Shell style / Model id	ERD - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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 female pin 1
Colour	Grey
Weight	61.24 g
Panel Drill Hole	M25

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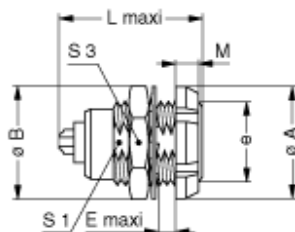
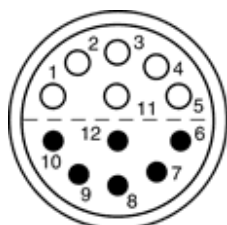
Environment

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

Jacket cable outside diameter [mm]	3.00 - 23.60 mm
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Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	30	32	M25x1.0	10	34	4.5	23.5	30
in.	1.18	1.26		0.39	1.34	0.18	0.93	1.18

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Recommended By Lemo

Accessories






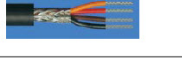

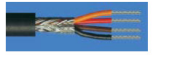
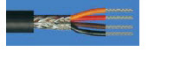
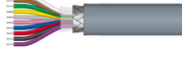
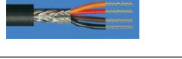


Compatible cap [BRE.4S.200.NAS](#)

Tools

Spanner 2 [DCM.65.270.AZ](#)

Spanner wrench [DCM.65.270.AZ](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.12.T22.070QGZE	TPR (medical)	Grey	
CMN.12.T28.054PGZE		grey	
CMN.12.T28.054PNZE			
112240	PTFE	White	
112260	PTFE	White	
112280	PVC	Black	
12050	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	
212220	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	
412500	PVC	Grey	
412750	PVC	Grey	

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