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Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	20 - 12
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.00 - 33.60 mm
Size	5S
Suggested matching part	FFA.5S.306.CLAC11
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-5s-306-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
Insert configuration value	5S.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Test voltage (kV DC)	4.2
Bucket Dia.	2.7
Contact Dia.	3
Wire Size/AWG	20 - 12

Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front 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	139.53 g

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.)
Climatical Category	50/175/21
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

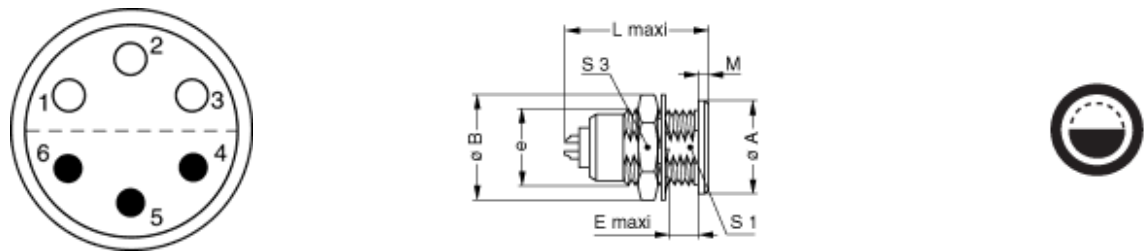
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Cable fixation

Jacket cable outside diameter [mm]	5.00 - 33.60 mm
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Drawings



Dimensions
























	A	B	e	E	L	M	S1
mm.	40	40	M35x1.0	15.5	45	3	33.5
in.	1.57	1.57		0.61	1.77	0.12	1.32

Recommended By Lemo

Accessories

Compatible cap	BRE.5S.200.NAS
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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T18.070PGZE		grey	
CMN.06.T18.070PNZE			
CMN.06.T20.062PGZE		grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106220	PVC	Black	
106240	PTFE	White	
12080	PVC	Grey	
160140	PVC	Grey	
160240	PVC	Black	
160260	PVC	Black	
260250	PVC	Grey	
360500	PVC	Grey	
360750	PVC	Grey	
460150	PVC	Grey	
60260	PTFE	White	
6280	PVC	Black	

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