

Special



Image for illustrative purpose only

Summary

[Request a quote](#)

SE series

Number of contacts Low Voltage	4
Wire Size/AWG	30 - 22
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.70 - 6.20 mm
Size	1S
Suggested matching part	ERA.1S.304.CLL
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/catalog/product/view/id/440394/s/fla-1s-304-clac62/category/38/

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	1S.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Test voltage (kV DC)	1.8
Max. Solid Conductor	0.34 mm ² (AWG 22)
Air clearance	1.1 mm
Creepage distance	1.1 mm
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	FLA - Elbow plug, cable collet
Plug	Elbow
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	Gray
Weight	24.82 g

https://www.lemo.com/int_en/catalog/product/view/id/440394/s/fla-1s-304-clac62/category/38/

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

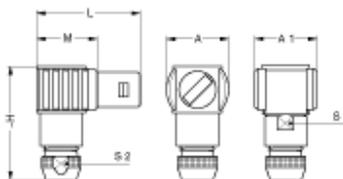
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
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	>144 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.70 - 6.20 mm

Drawings



Dimensions

	A	H	L	M	S1	S2	A1
mm.	16	28.5	26.5	15.5	10	8.5	16
in.	0.63	1.12	1.04	0.61	0.39	0.33	0.63

https://www.lemo.com/int_en/catalog/product/view/id/440394/s/fla-1s-304-clac62/category/38/

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Recommended By Lemo

Accessories

Compatible cap

[BFG.1B.100.PCZG](#)

CAD

Documents

Eplan

[Download](#)

https://www.lemo.com/int_en/catalog/product/view/id/440394/s/fla-1s-304-clac62/category/38/

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.