



Summary

[Request a quote](#)

Number of contacts Low Voltage	12
Number of contacts High Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.00 - 23.60 mm
Size	4S
Matching parts	FFA.4S.712.CLAC62
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	4S.712 - 1 High V. 12 Low V.
Insulator	N: PBT (discontinued)
Rated current	LV 7, HV 6 Amps
Test voltage LV Ue (kV rms)	3
Working voltage HV contact - Us (kV rms)	2.1
Contact Type	Solder
Number of contacts Low Voltage	12
Number of contacts High Voltage	1
Note performance	Please use heatshrink to guarantee High Voltage performance.

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-712-cn1.html

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.

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

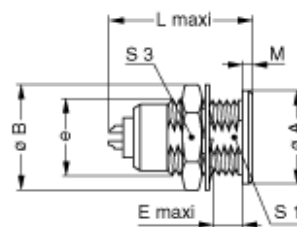
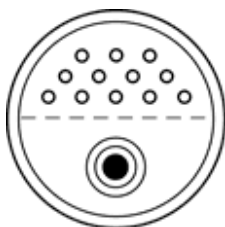
Environment

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
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

Cable fixation

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

Drawings



https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-712-cn1.html

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.

Dimensions

	A	B	e	E	L	M	S1	S3
mm.	28	34	M25x1.0	12	34	2.5	23.5	30
in.	1.1	1.34		0.47	1.34	0.1	0.93	1.18

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-712-cn1.html

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.