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Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	20 - 18
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1S
Suggested matching part	FFA.1S.302.CYCK77
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-1s-302-cym.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Insert configuration value	1S.302 - 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	15 A
Vtest	1200 V (AC), 1800 V (DC)
Contact Type	Crimp
Contact Dia.	1.3
Number of contacts Low Voltage	2
Wire Size/AWG	20 - 18

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	9.77 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
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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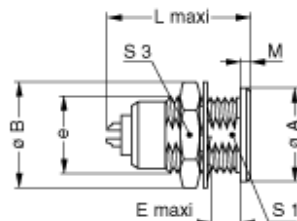
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Cable fixation

Jacket cable outside diameter [mm]

1.00 - 10.60 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	14	16	M12x1.0	7.5	21	1.5	10.5	14
in.	0.55	0.63		0.3	0.83	0.06	0.41	0.55

Recommended By Lemo

Accessories

Replacement contact

[FGG.1B.565.ZZC](#)

Compatible cap

[BRE.1S.200.NAS](#)

Tools

Positionner

[DCE.91.131.BVM](#)

Extraction tool

[DCC.13.15B.LAG](#)

Crimp tool

[DPC.91.701.V](#)

Spanner wrench

[Socket for torque wrench DCM.1S.M12.4](#)

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