



Summary

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Low Voltage	3
Wire Size/AWG	22 - 14
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.70 mm
Size	3S
Matching parts	ERA.3S.303.CLL
Series	S - Indoor Stepped Insert

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-3s-303-clal52.html

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Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	3S.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20 Amps
Vtest	1500 V (AC), 2100 V (DC)
Contact Type	Solder
Bucket Dia.	1.8
Contact Dia.	2
Low Voltage	3
Wire Size/AWG	22 - 14

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
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
Weight	54.65 g

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection (IP rating)	IP50
Minimal temperature	-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

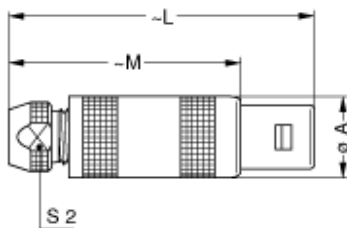
https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-3s-303-cla152.html

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.30 - 5.70 mm

Drawings



Dimensions

	A	L	M	S2
mm.	17.8	61	46	14
in.	0.7	2.4	1.81	0.55

Recommended By Lemo

Accessories

Tools











Spanner wrench

[DCP.91.023.TN](#)

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T18.055PGZE		grey	
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	
CMN.03.T20.049PGZE		grey	
CMN.03.T20.049PNZE			
130240	PVC	Black	
130250	PVC	Grey	
230500	PVC	Grey	
30260	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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