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Summary

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Number of contacts 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
Suggested matching part	ERA.3S.303.CLL
Series	S - Indoor Stepped Insert

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

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Technical details

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 A
Vtest	1500 V (AC), 2100 V (DC)
Contact Type	Solder
Bucket Dia.	1.8
Contact Dia.	2
Number of contacts 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
Colour	Grey
Weight	54.65 g

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

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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

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

Recommended By Lemo

Accessories

Compatible cap	BFG.3B.100.PCSG
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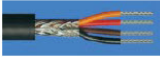




Tools

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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