



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	24
Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	4B
Suggested matching part	PHG.4B.324.CLLD10Z
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fag-4b-324-cyc.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	24
Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	4B.324 - 24 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	7 A
Vtest (contact-contact)	2.6 kV (DC)
Vtest (contact-shell)	2.9 kV (DC)
Contact retention	30 N
Max. Conductor	0.5 mm ² (AWG 20)
Min. Conductor	0.25 mm ² (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	24 - 20
Gender	Standard

Form & Material

Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	85.85 g

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Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
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

Drawings



Dimensions

	A	B	S3	S1	N	M	L	E	e
mm.	29	34	30	23.5	34.7	20.5	37.1	6.8	M25x1.0
in.	1.14	1.34	1.18	0.93	1.37	0.81	1.46	0.27	

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Recommended By Lemo











Accessories

Replacement contact [FGG.4B.560.ZZC](#)

Tools

Crimp tool [DPC.91.701.V](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.24.T22.082PGCE	PVC	GREY	
CMN.24.T22.082PGZE		grey	
CMN.24.T22.082PNCE	PVC	Black	
CMN.24.T22.082PNZE			
224260	PVC	Black	
248080	PVC	Grey	
324220	PVC	Black	
324240	PVC	Black	
424250	PVC	Grey	
524500	PVC	Grey	
524750	PVC	Grey	

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