

Special



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Summary

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Number of contacts Low Voltage	40
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 23.60 mm
Size	4B
Suggested matching part	FGG.4B.340.CYCD10
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-4b-340-cym.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	40
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	4B.340 - 40 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	3 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.9 kV (DC)
Contact retention	22 N
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	EC - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	73.99 g

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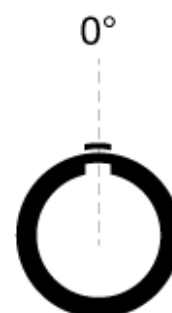
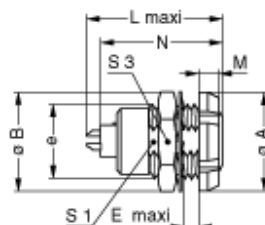
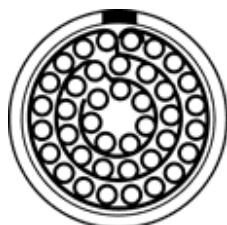
Environment

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.)
Climatic Category	55/175/21
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]	4.00 - 23.60 mm
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Drawings



Dimensions

	A	B	N	S1	S3	M	e	E	L
mm.	30	34	32.6	23.5	30	4.5	M25x1.0	10	35.7
in.	1.18	1.34	1.28	0.93	1.18	0.18		0.39	1.41

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Recommended By Lemo

Accessories	
Replacement contact	EGG.4B.655.ZZM
Compatible cap	BRE.4S.200.NAS
Tools	
Spanner 2	DCM.65.270.AZ
Positionner	DCE.91.074.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCM.65.270.AZ

CAD

Documents	
Eplan	Download