



### **Summary**

Request a quote

Catalog

Low Voltage	2
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0B
Matching parts	FGG.0B.302.CYCD52
Series	B - Indoor keyed

# **Technical details**

https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/ecg-0b-302-cym.html

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### **Electrical Configuration**

Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	0B.302 - 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 Amps
Vtest (contact-contact)	1450 V (AC), 2100 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 V (DC)
Contact retention	30 N
Contact Type	Crimp
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)
Low Voltage	2
Wire Size/AWG	24 - 20
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	5.99 g

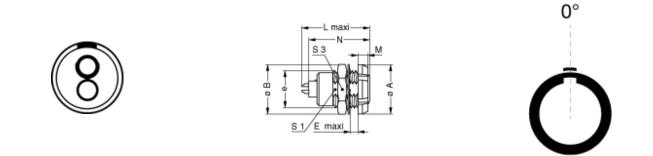
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#### Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
Environmental 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		
Cable fixation			
Jacket cable outside diameter [mm]	1.00 - 8.30 mm		

### **Drawings**



### **Dimensions**

	Α	В	<b>S</b> 3	Μ	Ν	<b>S1</b>	L	Е	е
mm.	12	12.4	11	2.5	19.1	8.2	20.7	5.5	M9x0.6
in.	0.47	0.49	0.43	0.1	0.75	0.32	0.81	0.22	

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### **Recommended By Lemo**

#### Accessories

Replacement contact	EGG.0B.660.ZZM
Tools	
Spanner 2	DCH.91.121.PA
Positionner	DCE.91.090.BVM
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	Socket for torque wrench DCM.65.100.AZ and DCM.0S.M09.4

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# Cables

CHN.02.T20 AMPRZEgreyCML02.T20 AMPRZETR (medical)GreyCML02.T28 AMPCREPVCGREYCML02.T28 AMPCREPVCBlackCML02.T28 AMPCREPVCGREY120280PVCGrey120280PVCGrey120280PVCGrey120280PVCGrey120281PVCGrey120280PVCGrey120281PVCGrey120280PVCGrey120281PVCGrey120281PVCGrey120281PVCGrey120281PVCGrey120301PVCGrey12040PVCGrey12041PVCGrey12042PVCGrey12043PVCGrey12044PVCGrey12045PVCGrey12040PVCGrey12041PVCGrey12042PVCBlack12043PVCBlack12044PVCBlack12045PVCBlack12046PVCBlack12047PVCBlack12048PVCBlack12049PVCBlack12040PVCBlack12041PVCBlack12042PVCBlack12043PVCBlack12044PVCBlack12045PVCBlack12046PVCGre	Cable PartNumber	Material	Colour	Cable image
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	2280	PVC	Black	
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