# EGA.3B.304.CYP





Image for illustrative purpose only

## **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	18 - 14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3B
Suggested matching part	FGA.3B.304.CYBD62
Series	B - Indoor keyed

## **Technical details**

#### **Electrical Configuration**

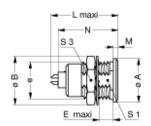
Number of contacts Low Voltage	4				
Contact Termination Low voltage	Crimp				
R (max)	3.3 mOhm				
Insert configuration value	3B.304 - 4 Low Voltage				
Insulator	Y: PEEK for crimp contacts				
Rated current	17 A				
Vtest (contact-contact)	3.4 kV (DC)				
Vtest (contact-shell)	2.5 kV (DC)				
Contact retention	65 N				
Max. Conductor	1.5 mm^2 (AWG 14)				
Min. Conductor	1 mm^2 (AWG 18)				
Bucket Dia.	1.9 mm (0.075in)				
Contact Dia.	2 mm (0.079in)				
Wire Size/AWG	18 - 14				
Gender	Standard				
Form & Material					
Shell style / Model id	EG - Fixed receptacle, nut fixing				
Socket / Receptacle	Fixed Panel Front 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				
A: 2 keys (alpha=30, plug: male conta female contacts)					
Colour	Grey				
Weight	27.27 g				

#### **Environment**

Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
IP50		
5000 mating cycles		
-55°C / $+250$ °C (max. temperature valid for short periods of use.)		
50/175/21		
<=95% [at 60 deg C /140 F]		
75 dB (10 MHz)		
40 dB (1 GHz)		
100 g [ 6 ms]		
15 g [10 Hz - 2000 Hz]		
>1000 hr		
2.00 - 16.60 mm		

# **Drawings**







### **Dimensions**

	A	В	е	E	L	M	N	<b>S3</b>	S1	
mm.	22	25	M18x1.0	11.5	30.7	2	28.1	22	16.5	
in.	0.87	0.98		0.45	1.21	0.08	1.11	0.87	0.65	

# **Recommended By Lemo**

#### **Accessories**

Replacement contact	EGG.3B.676.ZZM
Compatible cap	BRE.3S.200.NAS
Tools	
Spanner	DCA.91.282.2TN
Positionner	DCE.91.203.BVCM
Extraction tool	DCC.20.25B.LAG
Crimp tool	DPC.91.101.A

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.04.T14.083PGZE		grey	<b>&gt;</b>
CMN.04.T14.083PNZE			<b>&gt;—</b> €
CMN.04.T20.053PGZE		grey	<b>&gt;</b>
CMN.04.T20.053PNZE			<b>∋</b> —€
CMN.04.T20.053QGZE	TPR (medical)	Grey	<b>→</b>
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	<b>→</b>
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	<b>→</b>
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			<b>&gt;——</b> €
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	
340 150	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	<b>≥</b>
40260	PVC	Black	
4041	PVC	Grey	€
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	<b>&gt;</b>
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

#### $\underline{https://www.lemo.com/int\_en/solutions/originals/b-indoor-keyed/ega-3b-304-cyp.html}$

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