# ENJ.2B.304.CLA





Image for illustrative purpose only

## **Summary**

### Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	28 - 20
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Suggested matching part	FGJ.2B.304.CLLD52
Series	B - Indoor keyed

## **Technical details**

### **Electrical Configuration**

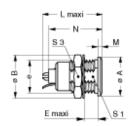
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Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	2B.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Vtest (contact-contact)	2.6 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Max. Solid Conductor	0.5 mm^2 (AWG 20)
Max. Stranded Conductor	0.5 mm^2 (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
Gender	Reverse Gender
Form & Material	
Shell style / Model id	EN - Fixed receptacle with grounding tab, 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
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	12.95 g

#### **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			
Cable fixation				
Jacket cable outside diameter [mm]	2.00 - 13.60 mm			

# **Drawings**







### **Dimensions**

	A	В	е	E	L	M	N	S1	<b>S3</b>	
mm.	18	19.5	M15x1.0	8.5	26.7	1.8	24.6	13.5	17	
in.	0.71	0.77		0.33	1.05	0.07	0.97	0.53	0.67	

# **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRE.2S.200.NAS

### **Cables**

CMN.04.T20.053PRZE         grey           CMN.04.T20.053PNZE         FPR (medical)           CMN.04.T22.047QGC         TPR (medical)           CMN.04.T22.048QGZE         TPR (medical)           CMN.04.T28.031PGCE         PVC           CMN.04.T28.031PGCE         PVC           CMN.04.T28.031PMZE         Grey           CMN.04.T28.031PMZE         FPR           CMN.04.T28.031PMZE         Grey           L40240         PVC         Black           L40250         PVC         Grey           240500         PVC         Grey           40060         PVC         Grey           40040         PVC         Black           40040         PVC         Black           40040         PVC         Black           40040         PVC         Black           40240         PTFE         White           40250         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Black           4220         PVC         Black           4280         PVC         Black           80080 <td< th=""><th>Cable PartNumber</th><th>Material</th><th>Colour</th><th>Cable image</th></td<>	Cable PartNumber	Material	Colour	Cable image
CMN.04.172.047QGC TPR Grey  CMN.04.172.047QGC TPR Grey  CMN.04.172.048QGZE TPR (medical) Grey  CMN.04.1728.031PGCE PVC GREY  CMN.04.1728.031PNCE PVC Black  CMN.04.1728.031PNCE PVC Grey  140250 PVC Grey  240750 PVC Grey  40080 PVC Black  40140 PVC Black  40140 PVC Black  40140 PVC Black  40260 PVC Black  40260 PVC Grey  4050 PVC Grey  4050 PVC Grey  4050 PVC Black  40240 PTEE White  40260 PVC Black  4080 PVC Grey  417920 PVC Black  4220 PVC BVC BVC BVC BVC BVC BVC BVC BVC BVC B	CMN.04.T20.053PGZE		grey	<b>→</b>
CMN.04.T22.047QGC         TPR         Grey           CMN.04.T22.048QGZE         TPR (medical)         Grey           CMN.04.T28.031PGCE         PVC         GREY           CMN.04.T28.031PMCE         PVC         Black           CMN.04.T28.031PMCE         PVC         Black           CMN.04.T28.031PMCE         PVC         Black           140240         PVC         Black           140250         PVC         Grey           240500         PVC         Grey           40080         PVC         Black           40086         PVC         Black           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           417920         PVC         Black           4220         PVC         Black           4220         PVC         Black           4280         PVC         Black           80080         PVC         Black           80084         PVC         Black	CMN.04.T20.053PNZE			<b>&gt;</b> €
CMM.04.T22.048QGZE         TPR (medical)         Grey           CMM.04.T28.031PGCE         PVC         GREY           CMM.04.T28.031PGZE         grey           CMM.04.T28.031PNZE         Black           CMM.04.T28.031PNZE         CMM.04.T28.031PNZE           140240         PVC         Black           140250         PVC         Grey           240500         PVC         Grey           40080         PVC         Black           40086         PVC         Black           40140         PVC         Black           40240         PTFE         White           40250         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Black           4220         PVC         Black           4220         PVC         Black           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Black	CMN.04.T20.053QGZE	TPR (medical)	Grey	<b>→</b>
CMN.04.T28.031PGCE         PVC         GREY           CMN.04.T28.031PGZE         grey           CMN.04.T28.031PNZE         PVC         Black           CMN.04.T28.031PNZE         FVC         Black           CMN.04.T28.031PNZE         Grey         IA0240           PVC         Black         IA0250           PVC         Grey         IA0250           PVC         Grey         IA0250           PVC         Grey         IA0250           PVC         Black         IA0250           40080         PVC         Black           40086         PVC         Black           40140         PVC         Black           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           417920         PVC         Black           4220         PVC         Black           4221         PVC         Black           4280         PVC         Grey           80080         PVC         Grey           80082         PVC         Black	CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T28.031PGZE         grey           CMN.04.T28.031PNZE         PVC         Black           CMN.04.T28.031PNZE         FR         Grey           L40240         PVC         Black           140250         PVC         Grey           240500         PVC         Grey           40080         PVC         Black           40080         PVC         Black           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Black           4220         PVC         Black           4221         PVC         Black           4280         PVC         Black           80080         PVC         Black           80082         PVC         Black           80084         PVC         Black	CMN.04.T22.048QGZE	TPR (medical)	Grey	<b>&gt;</b>
CMN.04.T28.031PNCE         PVC         Black           CMN.04.T28.031PNZE         —           CMN.04.T28.031QGC         TPR         Grey           140240         PVC         Black           140250         PVC         Grey           240500         PVC         Grey           40080         PVC         Black           40086         PVC         Black           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4080         PVC         Grey           417920         PVC         Black           4220         PVC         Black           4220         PVC         Black           4260         PTFE         White           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Black	CMN.04.T28.031PGCE	PVC	GREY	<b>→</b>
CMN.04.T28.031PNZE         Grey           140240         PVC         Black           140250         PVC         Grey           240500         PVC         Grey           240750         PVC         Grey           40080         PVC         Black           40086         PVC         Blue           40140         PVC         Black           40240         PTFE         White           4050         PVC         Black           4041         PVC         Grey           4080         PVC         Grey           417920         PVC         Grey           4220         PVC         Black           4221         PVC         Black           4280         PVC         Black           80080         PVC         Red           80082         PVC         Black	CMN.04.T28.031PGZE		grey	<b>→</b>
CMM.04.T28.031QGC         TPR         Grey           140240         PVC         Black           140250         PVC         Grey           240500         PVC         Grey           240750         PVC         Grey           40080         PVC         Black           40086         PVC         Blue           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Grey           417920         PVC         Grey           4220         PVC         Black           4221         PVC         Black           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	CMN.04.T28.031PNCE	PVC	Black	<b>&gt;</b> ■
140240         PVC         Black           140250         PVC         Grey           240500         PVC         Grey           240750         PVC         Grey           40080         PVC         Black           40086         PVC         Blue           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Black           4220         PVC         Black           4221         PVC         Black           4260         PTFE         White           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	CMN.04.T28.031PNZE			>€
140250         PVC         Grey           240500         PVC         Grey           240750         PVC         Grey           40080         PVC         Black           40086         PVC         Blue           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Black           4220         PVC         Black           4221         PVC         Black           4260         PTFE         White           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	CMN.04.T28.031QGC	TPR	Grey	
240500         PVC         Grey           240750         PVC         Grey           40080         PVC         Black           40086         PVC         Blue           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Black           4220         PVC         Black           4221         PVC         Black           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	140240	PVC	Black	
240750 PVC Grey  40080 PVC Black  40086 PVC Blue  40140 PVC Black  40240 PTFE White  40260 PVC Black  4041 PVC Grey  4050 PVC Grey  417920 PVC Grey  4220 PVC Black  4221 PVC Black  4280 PVC Black  80080 PVC Grey  80082 PVC Red  80084 PVC Black	140250	PVC	Grey	<b>&gt;</b> □ <b>&gt;</b> €
40080 PVC Black 40086 PVC Blue  40140 PVC Black  40240 PTFE White  40260 PVC Black  4041 PVC Grey  4050 PVC Black  4080 PVC Grey  417920 PVC Grey  4220 PVC Black  4221 PVC Black  4280 PVC Black  80080 PVC Grey  80082 PVC Red  80084 PVC Black	240500	PVC	Grey	<b>&gt;</b> □ <b>&gt;</b> €
40086         PVC         Blue           40140         PVC         Black           40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Grey           4220         PVC         Black           4221         PVC         Black           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	240750	PVC	Grey	
40140       PVC       Black         40240       PTFE       White         40260       PVC       Black         4041       PVC       Grey         4050       PVC       Black         4080       PVC       Grey         417920       PVC       Grey         4220       PVC       Black         4221       PVC       Black         4260       PTFE       White         4280       PVC       Black         80080       PVC       Grey         80082       PVC       Red         80084       PVC       Black	40080	PVC	Black	
40240         PTFE         White           40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Grey           4220         PVC         Black           4221         PVC         Black           4260         PTFE         White           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	40086	PVC	Blue	
40260         PVC         Black           4041         PVC         Grey           4050         PVC         Black           4080         PVC         Grey           417920         PVC         Grey           4220         PVC         Black           4221         PVC         Black           4260         PTFE         White           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	40140	PVC	Black	
4041       PVC       Grey         4050       PVC       Black         4080       PVC       Grey         417920       PVC       Grey         4220       PVC       Black         4221       PVC       Black         4260       PTFE       White         4280       PVC       Black         80080       PVC       Grey         80082       PVC       Red         80084       PVC       Black	40240	PTFE	White	<b>&gt;</b>
4050 PVC Black  4080 PVC Grey  417920 PVC Grey  4220 PVC Black  4221 PVC Black  4260 PTFE White  4280 PVC Black  80080 PVC Grey  80082 PVC Red  80084 PVC Black	40260	PVC	Black	
4080         PVC         Grey           417920         PVC         Grey           4220         PVC         Black           4221         PVC         Black           4260         PTFE         White           4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	4041	PVC	Grey	€
417920 PVC Grey  4220 PVC Black  4221 PVC Black  4260 PTFE White  4280 PVC Black  80080 PVC Grey  80082 PVC Red  80084 PVC Black	4050	PVC	Black	
4220       PVC       Black         4221       PVC       Black         4260       PTFE       White         4280       PVC       Black         80080       PVC       Grey         80082       PVC       Red         80084       PVC       Black	4080	PVC	Grey	
4221       PVC       Black         4260       PTFE       White         4280       PVC       Black         80080       PVC       Grey         80082       PVC       Red         80084       PVC       Black	417920	PVC	Grey	
4260       PTFE       White         4280       PVC       Black         80080       PVC       Grey         80082       PVC       Red         80084       PVC       Black	4220	PVC	Black	
4280         PVC         Black           80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	4221	PVC	Black	
80080         PVC         Grey           80082         PVC         Red           80084         PVC         Black	4260	PTFE	White	<b>≥</b>
80082 PVC Red 80084 PVC Black	4280	PVC	Black	
80084 PVC Black	80080	PVC	Grey	
	80082	PVC	Red	
CTR.75.030.121870G PVC Grey	80084	PVC	Black	
	CTR.75.030.121870G	PVC	Grey	<b>&gt;</b> □□□=

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