# FGG.3K.8H2.CJCC101





Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog	
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.60 - 10.00 mm
Size	3K
Suggested matching part	EGG.3K.8H2.CJM1
Series	K - Outdoor keyed

## **Technical details**

### **Electrical Configuration**

garation		
R (max)	5.8 mOhm	
Insulator	J: PEEK/PEEK	
Rated current	2 A	
Max. Conductor	0.34 mm^2 (AWG 22)	
Min. Conductor	0.34 mm^2 (AWG 22)	
Contact Dia.	0.7 mm (0.028in)	
Gender	Standard	
Form & Material		
Shell style / Model id	FG - Straight plug, cable collet	
Plug	Straight	
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces	
Locking system	Push-pull	
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)	
Colour	Grey	
Weight	68.51 g	
Invironment		
Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement	
Environmental sealing (IP rating)	IP68	
Endurance	5000 mating cycles	
Temperature range	-55°C / $+200$ °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)	95 dB (10 MHz)	
Shielding (min)	80 dB (1 GHz)	
Shock Resistance	100 g [ 6 ms]	
Vibration	15 g [10 Hz - 2000 Hz]	

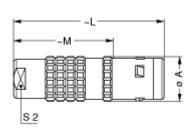
#### $\underline{https://www.lemo.com/int\_en/solutions/originals/k-outdoor-keyed/fgg-3k-8h2-cjcc101.html}$

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#### **Cable fixation**

Cable termination protection	Standard back nut (no additional protection)	
Fixation type	Cable collet	
Jacket cable outside diameter [mm]	9.60 - 10.00 mm	

# **Drawings**





### **Dimensions**

	A	L	<b>S2</b>	М
mm.	19	61	15	41
in.	0.75	2.4	0.59	1.61

# **Recommended By Lemo**

#### **Accessories**

Replacement contact	FGG.3B.560.ZZC	
Compatible cap	BFG.3K.100.NAS	
Tools		
Die Tool	DPE.99.103.8K	
Positionner	DCE.91.093.BVC	
Extraction tool	DCC.09.05B.LAG	
Spanner wrench DCD.3E.ZZZ.PA150		