

[Standard](#)

Image for illustrative purpose only

Summary

[Request a quote](#)[BKT series](#)[Customer Drawing](#)

Number of contacts Low Voltage	2
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.00 mm
Size	2K
Suggested matching part	EGL.2K.302.CLA PHL.2K.302.CLAC70Z
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-2k-302-cllc70z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	3.3 mOhm
Insert configuration value	2K.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20.5 A
Test voltage contact-contact	3 kV DC
Test voltage contact-shell	2.9 kV DC
Max. Solid Conductor	1.5 mm ² (AWG 14)
Max. Stranded Conductor	1.5 mm ² (AWG 16)
Bucket Dia.	1.8 mm (0.071 in)
Contact Dia.	2 mm (0.079 in)
Wire Size/AWG	22 - 14
Gender	Reverse Gender

Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
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	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	40.77 g

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Environment

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.)
Climatic 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]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.00 mm

Recommended By Lemo

Caps

Compatible cap	BFL.2K.100.NAS
Cap 2	BFL.2K.100.NAV

Bend Reliefs

GMA.2B.070.DG	GMA.2B.070.DA	GMA.2B.070.DB
GMA.2B.070.DJ	GMA.2B.070.DM	GMA.2B.070.DN
GMA.2B.070.DR	GMA.2B.070.DS	GMA.2B.070.DV

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Cables

Cable PartNumber	Material	Colour	Cable image
220151	PVC	Grey	