Image for illustrative purpose only

Summary

Request a quote

Number of contacts Low Voltage	2
Number of contacts High Voltage	1
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.60 - 5.00 mm
Size	1K
Suggested matching part	EGG.1K.702.CJL
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	1K.702 - 1 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated current	12 A
Rated current HV (A)	2
Rated current LV (A)	8
Test voltage HV Ue (kV dc)	7.5
Test voltage HV Ue (kV rms)	5.3
Test voltage LV cont-cont sold.(kV rms)	1.2
Test voltage LV cont-shell sold.(kV rms)	0.9
Contact Dia.	1.3
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

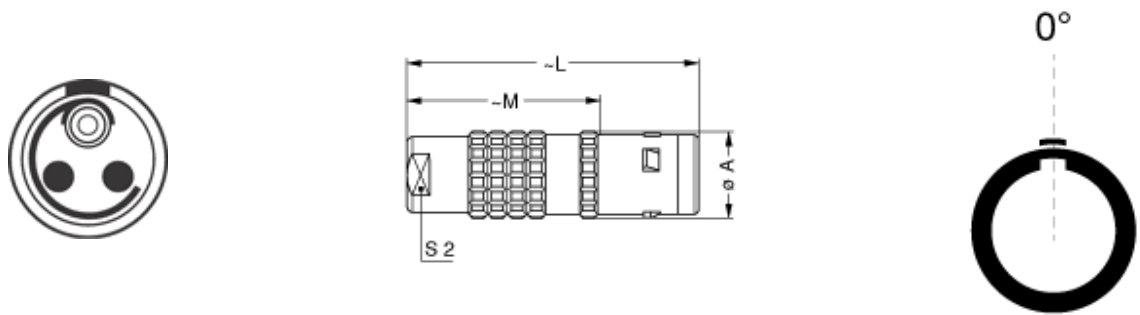|	
Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	22.96 g

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
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]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.60 - 5.00 mm

Drawings

Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0.51	1.65	1.1	0.35

Recommended By Lemo

Accessories

Compatible cap   BFG.1K.100.NAS