



Summary

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Number of contacts Low Voltage	18
Number of contacts High Voltage	1
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.60 - 9.00 mm
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/peg-3k-718-cllc90z.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	3K.718 - 1 High V. 18 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Test voltage HV Ue (kV rms)	5.25
Working voltage LV Ue (kV rms)	0.4
Contact Type	Solder
Air clearance	6.31 mm
Number of contacts Low Voltage	18
Number of contacts High Voltage	1
Gender	Standard

Form & Material

Shell style / Model id	PE - Fixed receptacle, nut fixing, cable adapter, with bend relief nut (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief
Weight	108.56 g

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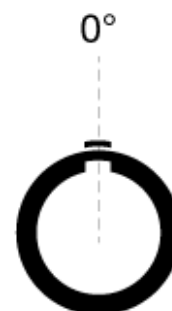
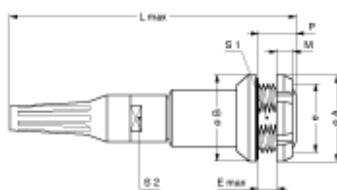
Environment

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
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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.60 - 9.00 mm

Drawings



Dimensions

	A	P	M	L	E	e	B	S1	S2
mm.	30	12	4.5	107	7.5	M24x1.0	31	22.5	15
in.	1.18	0.47	0.18	4.21	0.3		1.22	0.89	0.59

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