



Summary

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Number of contacts Low Voltage	7
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.10 - 7.50 mm
Size	2K
Suggested matching part	FGG.2K.307.CLAC75
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/pkg-2k-307-cllc75h.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	2K.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	11 A
Vtest (contact-contact)	1750 V (AC), 2500 V (DC)
Vtest (contact-shell)	1600 V (AC), 2250 V (DC)
Contact Type	Solder
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)
Number of contacts Low Voltage	7
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Form & Material

Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front 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	Viton O-Ring
Weight	61.52 g

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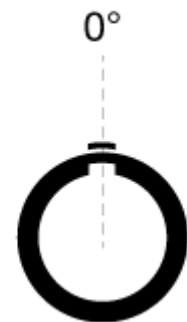
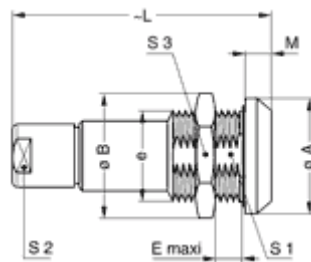
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°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]	7.10 - 7.50 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	25	27	M20x1.0	9	54.5	5	18.5	12	24
in.	0.98	1.06		0.35	2.15	0.2	0.73	0.47	0.94

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Recommended By Lemo




Accessories

Tools

Spanner wrench

[DCD.2E.ZZZ.PA120](#)

Cables

Cable PartNumber	Material	Colour	Cable image
370500	PVC	Grey	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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