



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	24 - 16
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	2K
Suggested matching part	PHG.2K.303.CLLC50
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fag-2k-303-cla.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	2K.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	17 A
Vtest (contact-contact)	2400 V (AC), 3390 V (DC)
Vtest (contact-shell)	1850 V (AC), 2600 V (DC)
Contact Type	Solder
Max. Solid Conductor	1 mm ² (AWG 16)
Max. Stranded Conductor	1 mm ² (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Number of contacts Low Voltage	3
Wire Size/AWG	24 - 16
Gender	Standard

Form & Material

Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	40.82 g

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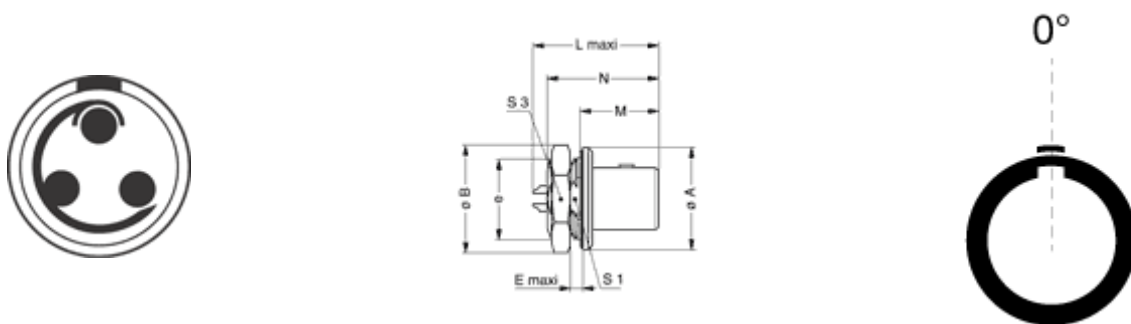
Environment

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	Standard back nut (no additional protection)
Fixation type	Cable collet

Drawings













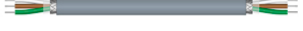

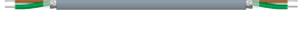

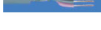




Dimensions

	e	A	B	E	S3	S1	L	M	N
mm.	M20x1.0	25	27.5	4.5	24	18.5	33.6	18	28.3
in.		0.98	1.08	0.18	0.94	0.73	1.32	0.71	1.11

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T18.055PGZE		grey	
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	
CMN.03.T20.049PGZE		grey	
CMN.03.T20.049PNZE			
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130240	PVC	Black	
130250	PVC	Grey	
230500	PVC	Grey	
230750	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3220	PVC	Black	

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Cable PartNumber	Material	Colour	Cable image
3280	PVC	Black	
60080	PVC	Grey	

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