



## Summary

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Number of contacts Low Voltage	7
Wire Size/AWG	16 - 12
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	4K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fag-4k-307-cyc.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fag-4k-307-cyc.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	4K.307 - 7 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	20 A
Vtest (contact-contact)	1500 V (AC), 2150 V (DC)
Vtest (contact-shell)	1350 V (AC), 1910 V (DC)
Contact retention	65 N
Contact Type	Crimp
Max. Conductor	2.5 mm <sup>2</sup> (AWG 12)
Min. Conductor	1.5 mm <sup>2</sup> (AWG 16)
Bucket Dia.	2.4 mm (0.094in)
Contact Dia.	2 mm (0.079in)
Number of contacts Low Voltage	7
Wire Size/AWG	16 - 12
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)

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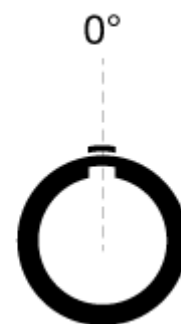
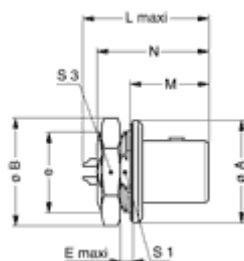
## Environment

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

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S3</b>
mm.	37	41.5	M30x1.0	4	35.3	23	36.3	28.5	36
in.	1.46	1.63		0.16	1.39	0.91	1.43	1.12	1.42

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# Recommended By Lemo

## Accessories

Replacement contact















[FGG.4B.575.ZZC](#)

## Tools

Crimp tool

[DPC.91.101.A](#)

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.07.T14.069QGZC	TPR (medical)		
CMN.07.T18.070PGZE		grey	
CMN.07.T18.070PNZE			
CMN.07.T20.062PGZE		grey	
CMN.07.T20.062PNZE			
CMN.07.T20.062QGZE	TPR (medical)	Grey	
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
370500	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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