



## Summary

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Number of contacts Low Voltage	48
Wire Size/AWG	20 - 18
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 42.60 mm
Size	5K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egl-5k-348-cyc.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egl-5k-348-cyc.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	3.6 mOhm
Insert configuration value	5K.348 - 48 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	6 A
Vtest (contact-contact)	2000 V (AC), 2850 V (DC)
Vtest (contact-shell)	1550 V (AC), 2200 V (DC)
Contact retention	40 N
Contact Type	Crimp
Max. Conductor	1 mm <sup>2</sup> (AWG 18)
Min. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.3 mm (0.051in)
Number of contacts Low Voltage	48
Wire Size/AWG	20 - 18
Gender	Reverse Gender

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
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	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Weight	272.23 g

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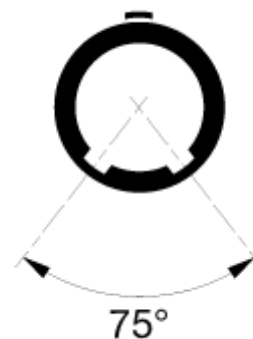
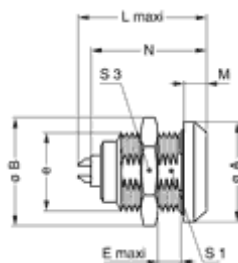
## Environment

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

Jacket cable outside diameter [mm]	4.00 - 42.60 mm
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## Drawings



## Dimensions

	<b>A</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>e</b>	<b>B</b>
mm.	55	10	47.5	9	43.6	42.5	M45x1.5	54
in.	2.17	0.39	1.87	0.35	1.72	1.67		2.13

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# Recommended By Lemo

## Accessories

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Replacement contact	<a href="#">FGG.5B.565.ZZC</a>
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## Tools

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Positionner	<a href="#">DCE.91.135.BVC</a>
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Extraction tool	<a href="#">DCC.13.15B.LAG</a>
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Crimp tool	<a href="#">DPC.91.701.V</a>
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# Cables

Cable PartNumber	Material	Colour	Cable image
448240	PVC	Black	
448260	PVC	Black	

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