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## Summary

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Number of contacts Low Voltage	48
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 42.60 mm
Size	5K
Suggested matching part	<a href="#">FGG.5K.348.SLAC11</a>
Series	K - Outdoor keyed

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

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	48
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	5K.348 - 48 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Vtest (contact-contact)	1.7 kV (DC)
Vtest (contact-shell)	1.6 kV (DC)
Max. Solid Conductor	0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor	0.5 mm <sup>2</sup> (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
Gender	Standard

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Stainless steel shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	280.16 g

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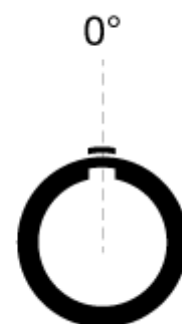
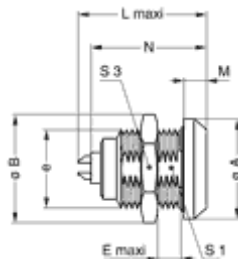
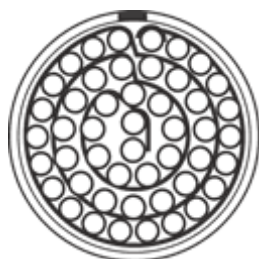
## Environment

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 (max. temperature valid for short periods of use.)
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]

## Cable fixation

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



## Dimensions

	A	E	L	M	N	S1	e	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

Compatible cap

BRE.5K.200.NAS

# Cables

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