



## Summary

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Number of contacts Low Voltage	16
Wire Size/AWG	16 - 12
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.316.SYCC10</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-5k-316-sym.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-5k-316-sym.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	5K.316 - 16 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	12 A
Vtest (contact-contact)	2450 V (AC), 3470 V (DC)
Vtest (contact-shell)	3050 V (AC), 4310 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	16
Wire Size/AWG	16 - 12
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	272.85 g

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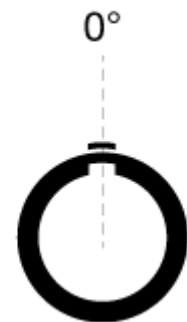
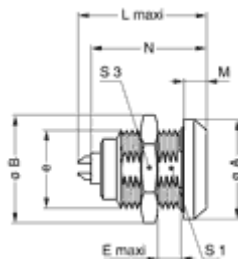
## Environment

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]

## 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

Replacement contact [EGG.5B.675.ZZM](#)













## Tools

Positionner [DCE.91.205.BVCM](#)

Extraction tool [DCC.20.25B.LAG](#)

Crimp tool [DPC.91.101.A](#)

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.16.T22.076QGZE	TPR (medical)	Grey	
CMN.16.T28.059PGZE		grey	
CMN.16.T28.059PNZE			
CMN.16.T28.070NNZZ			
CMN.16.T30.047QGZE	TPR (medical)	Grey	
116080	PUR	Black	
116280	PVC	Black	
16050	PVC	Black	
216220	PVC	Black	
216240	PVC	Black	
216260	PVC	Black	
316250	PVC	Grey	
416500	PVC	Grey	
416750	PVC	Grey	

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