



## Summary

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Number of contacts Low Voltage	20
Wire Size/AWG	22 - 18
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.60 - 10.50 mm
Size	5K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/pkg-5k-320-cypc10.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/pkg-5k-320-cypc10.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	3.5 mOhm
Insert configuration value	5K.320 - 20 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 A
Vtest (contact-contact)	2200 V (AC), 3110 V (DC)
Vtest (contact-shell)	2400 V (AC), 3390 V (DC)
Contact retention	50 N
Contact Type	Crimp
Max. Conductor	1 mm <sup>2</sup> (AWG 18)
Min. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Number of contacts Low Voltage	20
Wire Size/AWG	22 - 18
Gender	Standard

## Form & Material

Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	581.52 g

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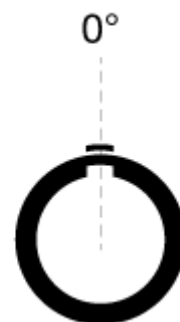
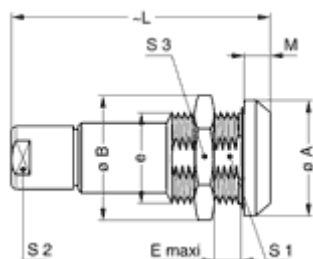
## Environment

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
Jacket cable outside diameter [mm]	9.60 - 10.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	55	54	M45x1.5	15	98	9	42.5	30
in.	2.17	2.13		0.59	3.86	0.35	1.67	1.18

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