



Summary

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Thermocouple	10
Wire Size/AWG	18 - 10
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	5K
Matching parts	FGL.5K.310.CYKC18
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Thermocouple	10
Contact Termination Thermocouple	Crimp
Insert configuration value	5K.310 - 5 Thermocouple Pairs
Insulator	Y: PEEK for crimp contacts
Rated current	20 Amps
Contact Type	Thermocouple
Contact Dia.	3
Wire Size/AWG	18 - 10
Gender	Reverse Gender

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egl-5k-310-cyk.html

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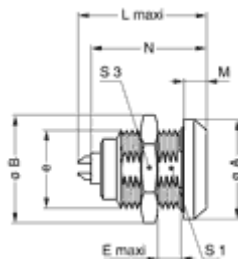
Form & Material

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	273.07 g

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

Drawings



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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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