



Summary

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Thermocouple	2
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	0K
Matching parts	FGG.0K.302.CLKC35
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Thermocouple	2
Contact Termination Thermocouple	Solder
Insert configuration value	0K.302/ThC - 1 Thermocouple Pair
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 Amps
ThC. Materials (P+/N-)	Chromel / Alumel
Contact Dia.	0.9
Wire Size/AWG	28 - 20
Gender	Standard

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-0k-302-clk.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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	11.73 g

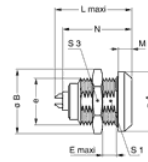
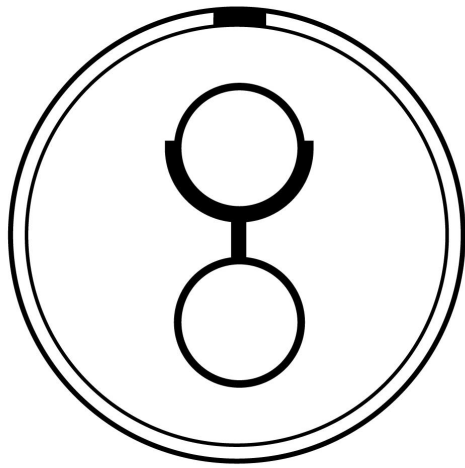
Environment

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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Contact 1: Chromel (+)
Contact 2: Alumel (-)

Dimensions

	A	E	L	M	N	S1	S3	B	e
mm.	18	6	21.7	4	20.1	12.5	17	19.5	M14x1.0
in.	0.71	0.24	0.85	0.16	0.79	0.49	0.67	0.77	

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