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Summary

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Number of contacts Low Voltage	1
Nb of contacts Thermocouple	2
Wire Size/AWG	24 - 16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	2K
Suggested matching part	FGG.2K.303.SLKC75
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-2k-303-slk.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	1
Contact Termination Low voltage	Solder
Nb of contacts Thermocouple	2
Contact Termination Thermocouple	Solder
Insert configuration value	2K.303/ThC - Thermocouple 1 Pair, 1 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	17 A
ThC. Materials (P+/N-)	Chromel / Alumel
Contact Dia.	1.6
Wire Size/AWG	24 - 16
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	34.28 g

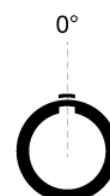
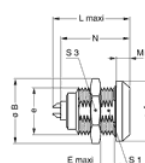
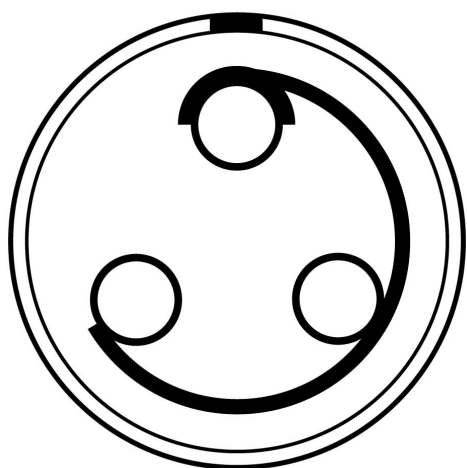
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Environment

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]

Drawings



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

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Dimensions

	e	E	L	M	N	S1	S3	A	B
mm.	M20x1.0	9	30.7	5	28.6	18.5	24	25	27.5
in.		0.35	1.21	0.2	1.13	0.73	0.94	0.98	1.08

Recommended By Lemo

Accessories

Compatible cap	BRE.2K.200.SAS
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