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Summary

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Number of contacts Low Voltage	5
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	0T
Suggested matching part	FGG.0T.305.CLAC45
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6.5 A
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	700 V (AC), 1000 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	5
Gender	Standard

Form & Material

Shell style / Model id	HM - Fixed socket, nut fixing, watertight or vacuumtight, back panel mounting
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) 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)
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	4.74 g

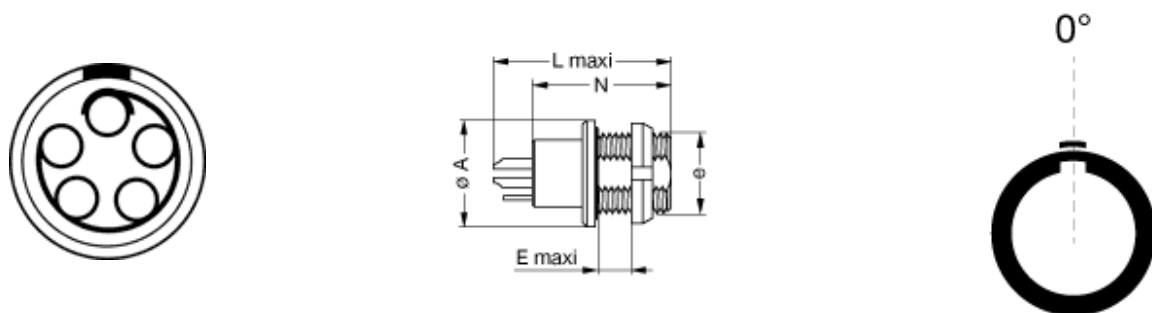
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Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-20°C / +80°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [6 ms]
Salt Spray Corrosion	>1000 hr

Drawings



Dimensions

	A	e	E	L	N
mm.	12	M9x0.6	6.5	22	18.5
in.	0.47		0.26	0.87	0.73

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