



*Image for illustrative purpose only*

## Summary

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Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	0T
Suggested matching part	<a href="#">FGG.0T.303.KLAC35</a>
Series	T - Small Outdoor keyed

# Technical details

## Electrical Configuration

R (max)	4.8 mOhm
Rated current	8 A
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	900 V (AC), 1270 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	28 - 20
Gender	Standard

## Form & Material

Shell style / Model id	HG - Fixed socket, nut fixing, watertight or vacuumtight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (black chrome) 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	Black

## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
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

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/hgg-0t-303-klnp.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/hgg-0t-303-klnp.html)

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# Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S2</b>
mm.	12	12.5	M9x0.6	6.5	22	1.5	18.5	8.2	11
in.	0.47	0.49		0.26	0.87	0.06	0.73	0.32	0.43

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