



## Summary

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Number of contacts Low Voltage	7
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1T
Series	T - Small Outdoor keyed

## Technical details

### Electrical Configuration

Contact Termination Low voltage	PCB - Straight
Insert configuration value	1T.512 - 2x SPE - 4 High Speed, Low Voltage (1000BASE-T1 (IEEE 802.3bp)) + 3 Ground contacts
Insulator	T: PTFE
Number of contacts Low Voltage	7
Differentiated pairs (High speed)	2
Protocol	1000 Base-T1 (1Gb/s)
Gender	Standard

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eag-1t-512-ctn.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eag-1t-512-ctn.html)

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## Form & Material

Shell style / Model id	EA - Fixed receptacle, nut fixing (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)
Weight	10.77 g

## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental protection (IP rating)	IP68
Minimal temperature	-55°C / +200°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

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