

Standard



*Image for illustrative purpose only*

## Summary

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High speed data transfer

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Customer Drawing

Number of contacts Low Voltage	8
Protocol	1000 Base-T4 (10Gb/s)
Wire Size/AWG	24 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M15
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	2T
Series	T - Small Outdoor keyed

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Crimp
Insert configuration value	2T.514 - 8 High Speed, Low Voltage (CAT 6A)
Insulator	Y: PEEK for crimp contacts
Rated current	5 A
Vtest (contact-contact)	1.13 kV DC
Vtest (contact-shell)	1.06 kV DC
Number of differentiated pairs (High speed)	4
Protocol	1000 Base-T4 (10Gb/s)
Wire Size/AWG	24 - 22
Gender	Standard

## 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 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	9.84 g
Panel Drill Hole	M15

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/egg-2t-514-cym.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-2t-514-cym.html)

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## Environment

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Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

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Jacket cable outside diameter [mm]	1.00 - 12.60 mm
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## Recommended By Lemo

### Accessories

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Replacement contact	<a href="#">EGG.2B.655.ZZM</a>
Compatible cap	<a href="#">BRE.2T.200.CAZ</a>

### Tools

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Spanner	<a href="#">DCA.91.231.7TN</a>
Positionner	<a href="#">DCE.91.072.BVM</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>

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