



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	20
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3T
Suggested matching part	<a href="#">FGA.3T.320.CYCK11</a>
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	20
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	T.320 - 20 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	6 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	2.2 kV (DC)
Contact retention	22 N
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	26 - 22
Gender	Standard

## Form & Material

Shell style / Model id	EE - 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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

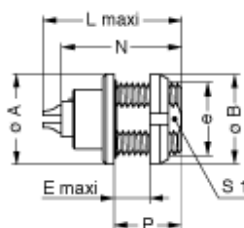
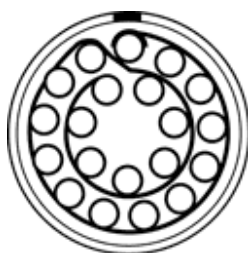
## Environment

Environmental sealing (IP rating)	IP68
Endurance	>3000 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]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [ 6 ms]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Jacket cable outside diameter [mm]	2.00 - 16.60 mm
------------------------------------	-----------------

# Drawings



## Dimensions

	A	B	e	E	L	N	S1	P
mm.	23.5	24	M18x1.0	7.5	30.1	25	16.5	12
in.	0.93	0.94		0.3	1.19	0.98	0.65	0.47

# Recommended By Lemo

### Accessories

Replacement contact	<a href="#">EGG.3B.655.ZZM</a>
Compatible cap	<a href="#">BRE.3T.200.CAZ</a>

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Tools

Positionner	<a href="#">DCE.91.073.BVM</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>
Spanner wrench	<a href="#">Socket for torque wrench DCM.65.200.AZ</a>

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eea-3t-320-cym.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.