FGG.0T.307.CYCC50Z



Summary

Request a quote

Catalog

Number of contacts Low Voltage	7
Wire Size/AWG	32 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.60 - 5.00 mm
Size	0T
Matching parts	EEG.0T.307.CLL
Series	T - Small Outdoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-0t-307-cycc50z.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.

Electrical Configuration	
Contact Termination Low voltage	Crimp
R (max)	8.7 mOhm
Insert configuration value	T.307 - 7 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	2.5 Amps
Vtest (contact-contact)	1400 V (AC), 1980 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 V (DC)
Contact retention	12 N
Contact Type	Crimp
Max. Conductor	0.09 mm^2 (AWG 28)
Min. Conductor	0.035 mm^2 (AWG 32)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	7
Wire Size/AWG	32 - 28
Gender	Standard
Form & Material	
Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
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)
Variant	Nut for fitting a bend relief
Weight	7.72 g

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	
Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-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
Cable fixation	
Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.60 - 5.00 mm

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.