FGC.1B.310.CLAD52Z





Image for illustrative purpose only

Summary

Request a quote

Catalog

See video assembly instructions

Number of contacts Low Voltage	10
Wire Size/AWG	34 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.20 mm
Size	1B
Suggested matching part	EGC.1B.310.CLL
Series	B - Indoor keyed

Technical details

Electrical Configuration

Contact Termination Low voltage R (max) 8.7 mOhm Insert configuration value Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 2 A Vtest (contact-contact) Vtest (contact-shell) Max. Solid Conductor Max. Solid Conductor 0.09 mm^2 (AWG 28) Bucket Dia. 0.45 mm (0.018in) Contact Dia. 0.5 mm (0.02in) Wire Size/AWG Gender Standard FG - Straight plug, cable collet and nut for fitting a bend relief Plug Straight Housing material Locking system Push-pull Keying Grey Variant Nut for fitting a bend relief		
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Housing material collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces Locking system Push-pull 2 keys (alpha=90, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Plug	Straight
Xeying 2 keys (alpha=90, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Housing material	collet nut, nickel plated [SAE AMS QQ N 290] brass
Colour Grey Variant Nut for fitting a bend relief	Locking system	Push-pull
Variant Nut for fitting a bend relief	Keying	
	Colour	Grey
Weight 15.88 g	Variant	Nut for fitting a bend relief
	Weight	15.88 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV	
Environmental sealing (IP rating)	IP50	
Endurance	5000 mating cycles	
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)	
Climatical Category	50/175/21	
Humidity (max)	<=95% [at 60 deg C /140 F]	
Shielding (min)	75 dB (10 MHz)	
Shielding (min)	40 dB (1 GHz)	
Shock Resistance	100 g [6 ms]	
Vibration	15 g [10 Hz - 2000 Hz]	
Salt Spray Corrosion	>1000 hr	
Cable fixation		
Cable termination protection	For cable bend relief	
Fixation type	Cable collet	
Jacket cable outside diameter [mm]	4.30 - 5.20 mm	

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			