FGG.2B.304.CYCD92Z





Image for illustrative purpose only

Summary

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Catalog

See video assembly instructions

Number of contacts Low Voltage	4
Wire Size/AWG	20 - 18
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.30 - 9.20 mm
Size	2B
Suggested matching part	EGG.2B.304.CYM
Series	B - Indoor keyed

Technical details

Electrical Configuration

Contact Termination Low voltage R (max) 3.6 mOhm Insert configuration value 2B.304 - 4 Low Voltage Insulator Y: PEEK for crimp contacts Rated current 15 A Vtest (contact-contact) 3.2 kV (DC) Vtest (contact-shell) 3.2 kV (DC) Contact retention 40 N Max. Conductor 1 mm^2 (AWG 18) Min. Conductor 0.5 mm^2 (AWG 20) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.3 mm (0.051in) Wire Size/AWG 20 - 18 Gender Standard 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Liectrical configuration	
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Contact Dia. 1.3 mm (0.051in) Wire Size/AWG 20 - 18 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 G: 1 key (alpha=0, plug: male contacts, receptacles female contacts) Colour Grey Variant Nut for fitting a bend relief	Min. Conductor	0.5 mm^2 (AWG 20)
Wire Size/AWG 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Bucket Dia.	1.4 mm (0.055in)
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Keying G: 1 key (alpha=0, plug: male contacts, receptacles 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 28.98 g	Variant	Nut for fitting a bend relief
	Weight	28.98 g

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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]	8.30 - 9.20 mm

Recommended By Lemo

Accessories

Replacement contact	FGG.2B.565.ZZC
Compatible cap	BFG.2B.100.PCSG
Tools	
Spanner	DCP.91.023.TN
Positionner	DCE.91.132.BVC
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.2B.ZZZ.PA120