FFG.0B.302.CLAD42

Summary

Request a quote

Catalog

Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.30 - 4.20 mm
Size	0B
Matching parts	EGG.0B.302.CLL
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ffg-0b-302-clad42.html
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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	0B.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 Amps
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	1050 V (AC), 1490 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.56 mm^2 (AWG 20)
Max. Stranded Conductor	0.56 mm^2 (AWG 20)
Bucket Dia.	1.0 mm (0.039in)
Contact Dia.	0.9 mm (0.035in)
Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	FF - Straight plug, non-latching, cable collet
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)
Weight	9.47 g

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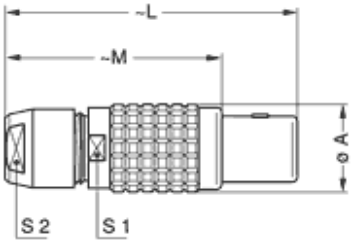
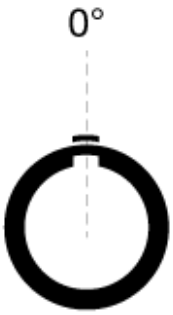
Environment	
Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.30 - 4.20 mm

Drawings





Dimensions

	A	S2	S1	L	M
mm.	9.5	7	8	36	26
in.	0.37	0.28	0.31	1.42	1.02

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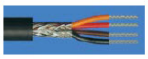
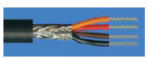
Recommended By Lemo

Accessories	
Tools	
Spanner	DCP.91.001.TN
Spanner wrench	DCD.0B.ZZZ.PA070

Cables

Cable PartNumber	Material	Colour	Cable image
20140	PVC	Grey	
20140	PVC	Grey	
20141	PVC	Grey	
20142	PVC	Red	
20143	PVC	Green	
20144	PVC	Black	
20145	PVC	Yellow	
20146	PVC	Black	
20240	PTFE	White	
20260	PVC	Black	
20264	PVC	Black	
20266	PVC	Violet	
2080	PVC	Grey	
2280	PVC	Black	

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