HMG.1B.307.CLLP





Summary

Request a quote

Catalog

Low Voltage	7
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	18
Matching parts	FGG.1B.307.CLAD42
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/hmg-1b-307-cllp.html

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Electrical Configuration

Contact Termination Low voltage	Solder		
R (max)	6.1 mOhm		
Insert configuration value	1B.307 - 7 Low Voltage		
Insulator	L: PEEK (UL 94 / V-0/1.5)		
Rated current	7 Amps		
Vtest (contact-contact)	950 V (AC), 1340 V (DC)		
Vtest (contact-shell)	1050 V (AC), 1490 V (DC)		
Contact Type	Solder		
Max. Solid Conductor	0.34 mm^2 (AWG 22)		
Max. Stranded Conductor	0.34 mm^2 (AWG 22)		
Bucket Dia.	0.8 mm (0.031in)		
Contact Dia.	0.7 mm (0.028in)		
Low Voltage	7		
Wire Size/AWG	30 - 22		
Gender	Standard		
Form & Material			
Shell style / Model id	HM - Fixed receptacle with grounding tab, nut fixing, watertight or vacuum-tight (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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)		
Variant	Watertight unmated (connector to device)		
Weight	12.65 g		

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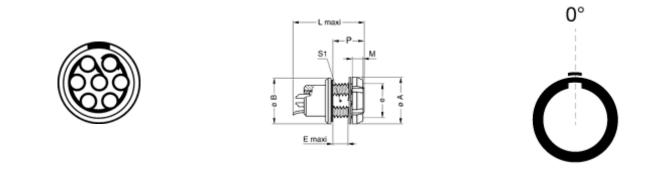
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Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
Environmental protection (IP rating)	IP68		
Minimal temperature	-20°C / +100°C		
Climatical Category	20/80/21		
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]		
Pressure	60 bars		
Salt Spray Corrosion	>1000 hr		
Cable fixation			
Jacket cable outside diameter [mm]	1.00 - 10.60 mm		

Jacket cable outside diameter [mm]

Drawings



Dimensions

	Α	В	е	Е	L	Μ	Р	S1
mm.	16	18	M12x1.0	5.5	26	3.5	11	10.5
in.	0.63	0.71		0.22	1.02	0.14	0.43	0.41

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Recommended By Lemo

Accessories

Tools

Spanner

DCH.91.161.PA

Spanner wrench

Socket for torque wrench DCM.1S.M12.4

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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