



Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.20 mm
Size	1B
Matching parts	EGG.1B.306.CLL
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-1b-306-clad52z.html

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	1B.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 Amps
Vtest (contact-contact)	1050 V (AC), 1490 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 V (DC)
Contact Type	Solder
Max. 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)
Number of contacts Low Voltage	6
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	FP - Elbow (90°) plug with cable collet for bend relief
Plug	Elbow
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	22.12 g

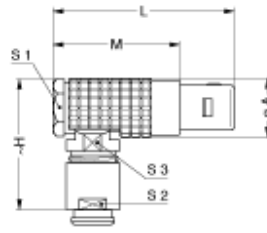
Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.30 - 5.20 mm

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Drawings



Dimensions

	A	H	L	M	S1	S2	S3
mm.	12	27.7	36	25	11	9	10
in.	0.47	1.09	1.42	0.98	0.43	0.35	0.39

Recommended By Lemo

Accessories

Tools

Spanner wrench

[DCD.1B.ZZZ.PA090](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	
6280	PVC	Black	

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