

## Summary

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Low Voltage	2
Wire Size/AWG	34 - 28
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.80 - 3.50 mm
Matching parts	<a href="#">EGG.00.302.CLL</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-00-302-clad35z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-00-302-clad35z.html)

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## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3.5 Amps
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	950 V (AC), 1340 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.05 mm <sup>2</sup> (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.5 mm (0.02in)
Low Voltage	2
Wire Size/AWG	34 - 28

## 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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief
Weight	3.93 g

## Environment

Environmental protection (IP rating)	IP50
Minimal temperature	-55°C / +250°C
Salt Spray Corrosion	>1000 hr

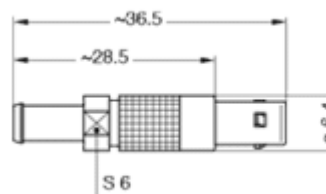
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## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.80 - 3.50 mm

## Drawings



## Dimensions

	A	S2	L	M	S1
mm.	6.4	6	28.5	20.7	5.5
in.	0.25	0.24	1.12	0.81	0.22

## Recommended By Lemo

### Accessories

Compatible cap [BFG.00.100.PCSG](#)

### Tools

## Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
2080	PVC	Grey	

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