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Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	34 - 28
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.30 - 2.70 mm
Size	00
Suggested matching part	EGG.00.302.CLL
Alternative part	FPG.00.302.CLAD27Z

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Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	8.7 mOhm
Insert configuration value	00.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3.5 A
Test voltage contact-contact	1.40 kV DC
Test voltage contact-shell	1.40 kV DC
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016 in)
Contact Dia.	0.5 mm (0.0197 in)
Wire Size/AWG	34 - 28

Form & Material

Shell style / Model id	FH - Elbow plug, cable collet and nut for fitting a 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)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	6.3 g

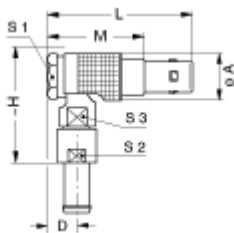
Environment

Environmental sealing (IP rating)	IP50
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic 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]	2.30 - 2.70 mm

Drawings



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	7.7	5.2	18.5	24.5	16.5	7	5	5.5
in.	0.3	0.2	0.73	0.96	0.65	0.28	0.2	0.22

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Recommended By Lemo

Caps	
Compatible cap	BFG.00.100.PCSG
Plastic Cap	BFG.00.100.PCSG
Soft Cap	BFZ.00.100.SCN

Bend Reliefs		
GMD.00.025.DG	GMD.00.028.DG	GMD.00.025.DA
GMD.00.028.DA	GMD.00.025.DB	GMD.00.028.DB
GMD.00.025.DJ	GMD.00.028.DJ	GMD.00.025.DM
GMD.00.028.DM	GMD.00.025.DN	GMD.00.028.DN
GMD.00.025.DR	GMD.00.028.DR	GMD.00.025.DS
GMD.00.028.DS	GMD.00.025.DV	GMD.00.028.DV

Cables

Cable PartNumber	Material	Colour	Cable image
2050	PVC	Black	

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