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Summary

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Number of contacts Low Voltage	3
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.00.303.CLL

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	8.7 mOhm
Insert configuration value	00.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Test voltage contact-contact	1.10 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
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
Weight	5.78 g

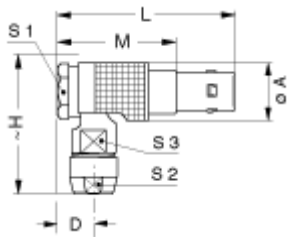
Environment

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	Standard back nut (no additional protection)
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	24.5	16.5	7	5	5.5
in.	0.3	0.2	0.71	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

Cables

Cable PartNumber	Material	Colour	Cable image
3041	PVC	Grey	