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Summary

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Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.80 - 3.50 mm
Size	00
Suggested matching part	EGG.00.305.CLL

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Technical details

Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	8.7 mOhm
Insert configuration value	00.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 A
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.	0.35 mm (0.014 in)
Wire Size/AWG	36 - 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief

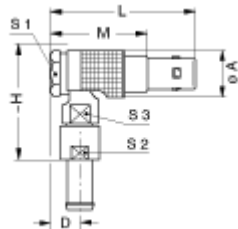
Environment

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]	2.80 - 3.50 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.00.032.DG	GMD.00.032.DA	GMD.00.032.DB
GMD.00.032.DJ	GMD.00.032.DM	GMD.00.032.DN
GMD.00.032.DR	GMD.00.032.DS	GMD.00.032.DV