FPG.0K.302.CLAC45

Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.10 - 4.50 mm
Size	0K
Suggested matching part	EGG.0K.302.CLL
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	0K.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Vtest (contact-contact)	1300 V (AC), 1840 V (DC)
Vtest (contact-shell)	1050 V (AC), 1490 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.56 mm^2 (AWG 20)
Max. Stranded Conductor	0.56 mm^2 (AWG 20)
Bucket Dia.	1.0 mm (0.039in)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	2
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Gender	Standard

Form & Material

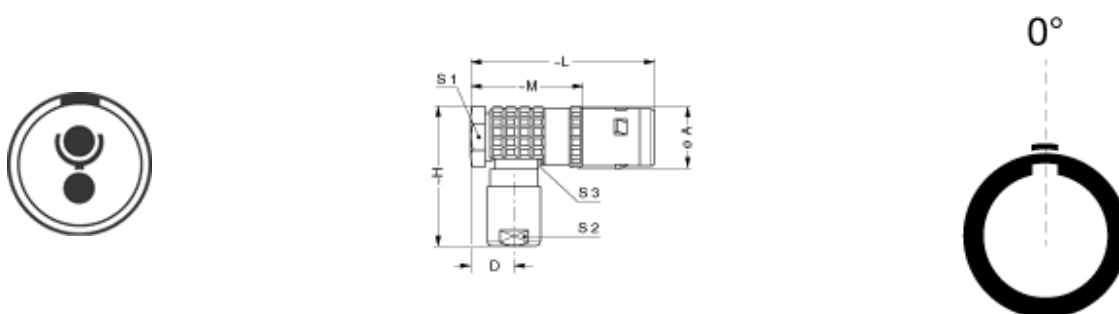|	
Shell style / Model id	FP - Elbow (90°) plug with cable collet
Plug	Elbow
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	16.04 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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]	4.10 - 4.50 mm

Drawings

Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	11	7.3	25	36	25	9	8	8
in.	0.43	0.29	0.98	1.42	0.98	0.35	0.31	0.31

Recommended By Lemo

Accessories

Compatible cap	BFG.0K.100.NAS

Tools

Spanner wrench	DCD.0E.ZZZ.PA080

Cables

Cable PartNumber	Material	Colour	Cable image
120250	PVC	Grey	
20260	PVC	Black	