

SUMMARY

Wires

Low voltage	4
Fluidic	1



Image is for illustrative purpose only

Series	2K
Termination type	Male solder
IP rating	68
AWG wire size	0.00 - 0.00
Cable Ø	8.60 - 9.00 mm
Status	active
Matching parts	EGG.2K.P12.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with oversize cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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
Weight	49.02 g

Performance

Configuration	2K.P12 : 1 Fluidic with valve P1, 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

Specifications

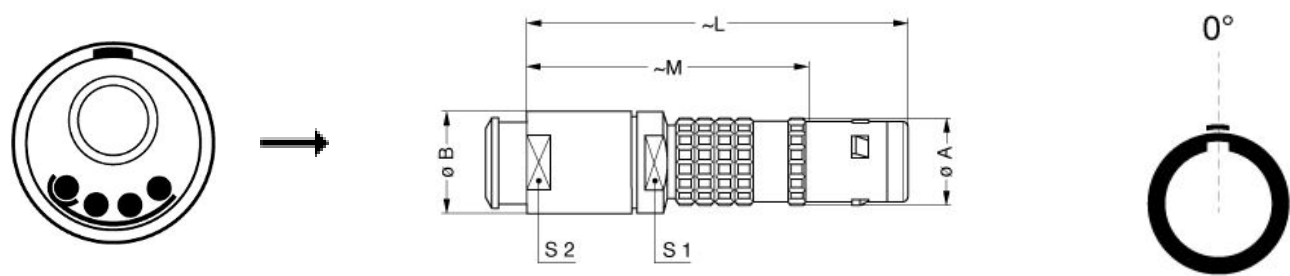
Contact Type:	Solder
Max pressure:	6 bar (87.02 psi)
Tube Inner Dia.:	1.8 mm (0.070)
Tube Outer Dia.:	3.0 mm (0.118 in.)
Test voltage (kV rms) Contact-contact:	0.85
Test voltage (kV rms) Contact-shell :	1.2

Others

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Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	L	M	S1	S2
mm.	16	17	70	54	15	15
in.	0,63	0,67	2,76	2,13	0,59	0,59

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.2E.020.PA120](#)
Caps: [BFG.2K.100.NAS](#)

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