

## SUMMARY

### # Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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### Series

Termination type	Female solder
IP rating	68
Cable Ø	5.10 - 5.50 mm
Matching parts	EGL.1K.303.CLA
Status	active

Alternative part

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 5.1 - 5.5 mm
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	1K.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	12 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.3 mm (0.051in)

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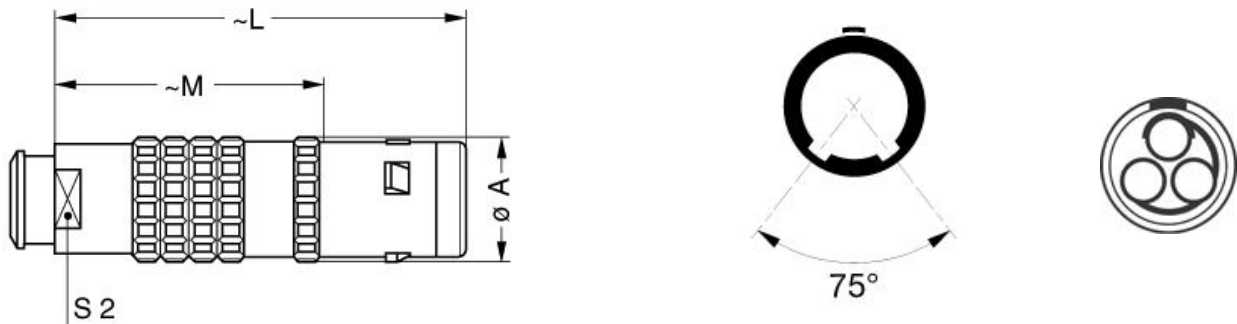
Bucket Dia.: 1 mm (0.039in)  
 Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 3.6 mOhm  
 Vtest (contact-shell): 1550 V (AC), 2200 V (DC)  
 Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

## Others

Humidity (max): <=95% [at 60 deg C / 140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

# DRAWINGS

## Draws



## Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

# RECOMMENDED BY LEMO

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## Tools

Spanner wrench: DCD.1E.008.PA090

## Cables

030 200	PVC	Black	
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