

## SUMMARY

### # Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	0K
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.0K.306.CLAC10
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	PV : Watertight / Vacuum-tested
Weight	13.04 g

### Performance

Configuration	0K.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	2.5 Amps

### Specifications

Contact Type: Solder
Max. Matings: 3000

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Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm^2 (AWG 28)  
Max. Stranded Conductor: 0.09 mm^2 (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 650 V (AC), 920 V (DC)  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -20°C / +100°C  
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: >144 hr  
Climatical Category: 20/80/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
Pressure: 60 bars  
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	P	S1	e
mm.	18	18	2.4	22.5	3.5	7	12.5	M14x1.0
in.	0,71	0,71	0,09	0,89	0,14	0,28	0,49	




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# RECOMMENDED BY LEMO

## Tools

None

## Cables

CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGCE	PVC	GREY	
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNCE	PVC	Black	
CMN.06.T28.044PNZE			
006 280	PVC	Black	
012 080	PVC	Grey	

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