

## SUMMARY

### # Wires

Low	0
High	1
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	0S
Termination type	Male solder High-Voltage
IP rating	68
Cable Ø	1.30 - 6.20 mm
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HGP*: Fixed receptacle, nut fixing, watertight or vacuum-tight
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	PV : Watertight / Vacuum-tested
Weight	14.25 g

### Performance

Configuration	0S.403 : 1 High Voltage
Insulator	T: PTFE
Rated Current	4 Amps

### Specifications

Contact Type:	Solder
Test voltage (kV DC)	6
Test voltage (kV AC)	4.2
Air clearance.(mm):	6.8
Creepage dist.(mm):	7

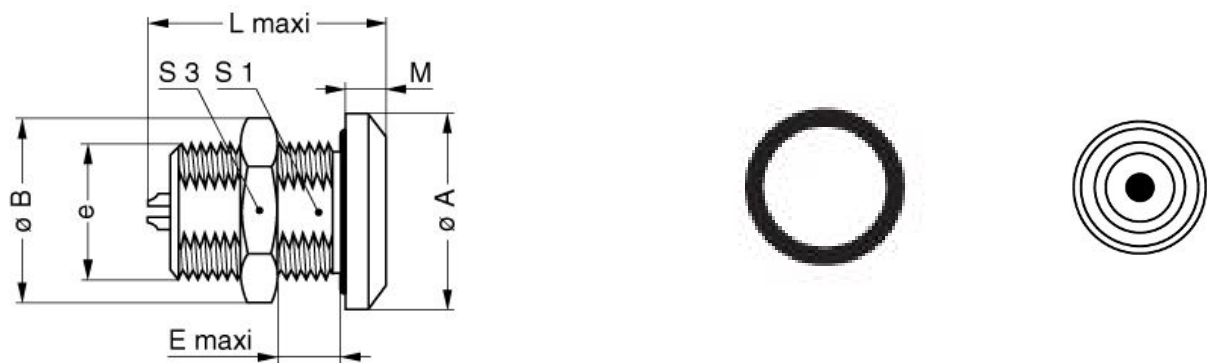
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Others

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]  
Climatical Category: 20/80/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
Salt Spray Corrosion: >1000 hr  
Pressure: 60 bars  
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	18	16	11.5	20.5	4	10.5	14	M12x1.0
in.	0.71	0.63	0.45	0.81	0.16	0.41	0.55	

RECOMMENDED BY LEMO

Tools

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None

## Cables

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