

## SUMMARY

### # Wires

Low voltage	9
-------------	---



*Image is for illustrative purpose only*

Series	0K
Termination type	Female solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGG.0K.309.KLAC35Z</a>

### Download

[Request a quote](#)

[Catalog](#)

## 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 (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	P : Watertight
Weight	12.73 g

### Performance

Configuration	0K.309 : 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor:	0.09 mm <sup>2</sup> (AWG 28)
R (max):	8.7 mOhm

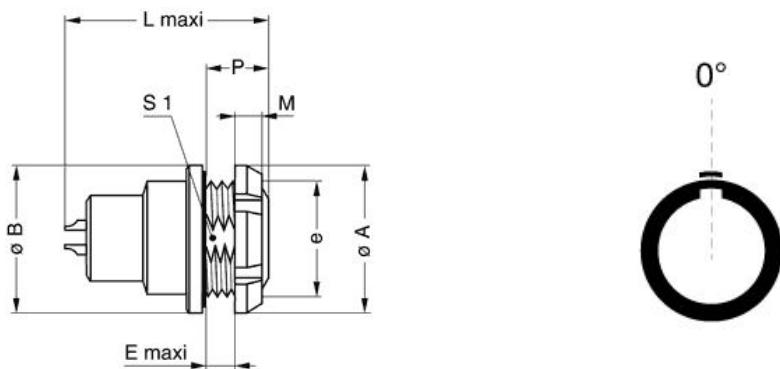
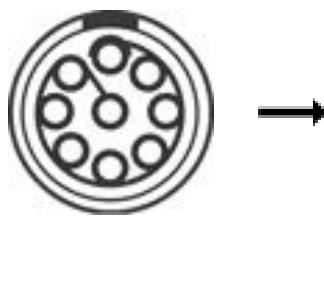
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vtest (contact-shell): 500 V (AC), 710 V (DC)  
Vtest (contact-contact): 600 V (AC), 850 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]  
Climatical Category: 20/80/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr  
Pressure: 60 bars

## DRAWINGS



## 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	

## RECOMMENDED BY LEMO

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Tools

### Cables

CMN.09.T28.050CNQZ			
CMN.09.T28.051PGZE		Grey	
CMN.09.T28.051PNZE			
CMN.09.T28.051QGZE	TPR (medical)	Grey	

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.