



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	34 - 28
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	00
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/hgg-00-303-kllp.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/hgg-00-303-kllp.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Vtest (contact-contact)	800 V (AC), 1100 V (DC)
Vtest (contact-shell)	950 V (AC), 1300 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.05 mm <sup>2</sup> (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	3
Wire Size/AWG	34 - 28

## Form & Material

Shell style / Model id	HG - Fixed receptacle, nut fixing, watertight or vacuum-tight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Watertight unmated (connector to device)
Weight	3.66 g

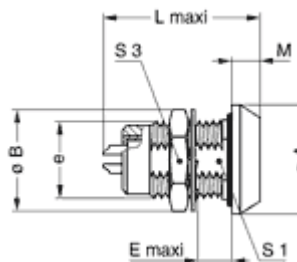
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## Environment

Environmental sealing (IP rating)	IP68
Temperature range	-20°C / +100°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Pressure	60 bars
Salt Spray Corrosion	>1000 hr

## Drawings



## Dimensions

	<b>S3</b>	<b>M</b>	<b>L</b>	<b>E</b>	<b>e</b>	<b>B</b>	<b>A</b>
mm.	9	1.5	18	8	M7x0.5	10.3	11
in.	0.35	0.06	0.71	0.31		0.41	0.43

## Recommended By Lemo

### Accessories

Compatible cap [BRE.00.200.KAS](#)









### Tools

Spanner [DCA.91.149.0TN](#)

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
30110	PVC	Grey	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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