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## Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	16 - 8
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.60 - 22.60 mm
Size	3E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/hgp-3e-160-cllp.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/hgp-3e-160-cllp.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	1
Contact Termination Low voltage	Solder
Insert configuration value	3E.160 - 1 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	65 A
Test voltage (kV DC)	2.4
Contact Dia.	6
Wire Size/AWG	16 - 8

## Form & Material

Shell style / Model id	HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Circular, female
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	77.29 g

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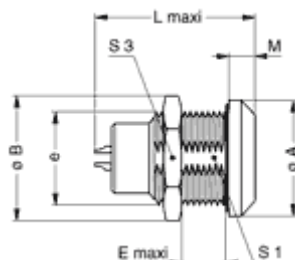
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatical Category	20/80/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Pressure	30 bars
Salt Spray Corrosion	>1000 hr

## Cable fixation

Jacket cable outside diameter [mm]	2.60 - 22.60 mm
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## Drawings



## Dimensions

	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S3</b>	<b>A</b>
mm.	34	M24x1.0	15.5	39.5	6	22.5	30	31
in.	1.34		0.61	1.56	0.24	0.89	1.18	1.22

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# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">BRE.3K.200.NAS</a>
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