



Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	20 - 12
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.80 - 28.60 mm
Size	4E
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/hgp-4e-303-tllpv.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4E.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Vtest	2100 V (AC), 2970 V (DC)
Contact Type	Solder
Bucket Dia.	2.7
Contact Dia.	3
Number of contacts Low Voltage	3
Wire Size/AWG	20 - 12

Form & Material

Shell style / Model id	HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	116.07 g

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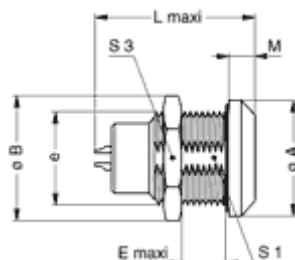
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
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	15 bars
R leak (He) (max)	0.0000001 mbar*/s (if vacuum-tested)

Cable fixation

Jacket cable outside diameter [mm]	4.80 - 28.60 mm
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Drawings



Dimensions

	M	A	B	e	E	L	S3	S1
mm.	6.5	37	41.5	M30x1.0	17.5	43	36	28.5
in.	0.26	1.46	1.63		0.69	1.69	1.42	1.12

Recommended By Lemo



Accessories

Tools

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T14.078PGCE			
CMN.03.T18.055PGZE		grey	
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	
CMN.03.T20.049PGZE		grey	
CMN.03.T20.049PNZE			
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130240	PVC	Black	
130250	PVC	Grey	
230500	PVC	Grey	
230750	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	

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Cable PartNumber	Material	Colour	Cable image
3220	PVC	Black	
3280	PVC	Black	
330150	PVC	Grey	
60080	PVC	Grey	

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