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Summary

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Number of contacts Low Voltage	19
Gender	Standard
Plug	Plug - Fixed
Locking system	Push-pull
Size	2B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/yhg-2b-319-cldz.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	19
Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	2B.319 - 19 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	950 V (AC), 1340 V (DC)
Vtest (contact-shell)	1250 V (AC), 1770 V (DC)
Contact Dia.	0.7 mm (0.028in)
Gender	Standard

Form & Material

Shell style / Model id	YH - Fixed plug, non-latching, nut fixing
Plug	Fixed
Housing material	Brass (chrome plated [SAE AMS 2460]) 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)
Colour	Grey
Weight	21.35 g

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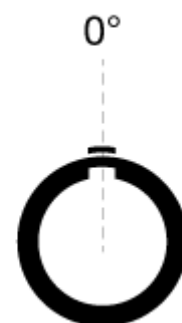
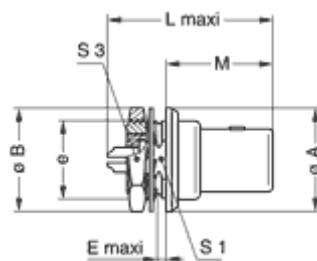
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-20°C / +80°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]
Salt Spray Corrosion	>1000 hr

Cable fixation

Fixation type	Cable collet
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Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	19	19.2	M15x1.0	5.5	33.1	17.8	13.5	17
in.	0.75	0.76		0.22	1.3	0.7	0.53	0.67

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