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Summary

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Number of contacts Low Voltage	14
Wire Size/AWG	20 - 18
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.60 - 8.00 mm
Size	4E
Suggested matching part	PSA.4E.314.CYMC80
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-4e-314-cycc80.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	Crimp
Insert configuration value	4E.314 - 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	9 A
Test voltage (kV DC)	3
Contact Dia.	1.3
Wire Size/AWG	20 - 18

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
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	Hermaphroditic keying (half moon insert) with male pin 1
Colour	Grey
Weight	132.94 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatical Category	50/175/21
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]
Salt Spray Corrosion	>1000 hr

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.60 - 8.00 mm

Recommended By Lemo

Accessories

Replacement contact	FGG.4B.565.ZZC
Compatible cap	BFA.4E.100.NAS

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