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Summary

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Nb of contacts Triax	1
Plug	Plug - Fixed
Locking system	Push-pull
Size	4E
Suggested matching part	EHN.4E.675.CTL
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fbe-4e-675-cta.html

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Technical details

Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	4E.675 - 1 Triax (75 Ohm)
Insulator	T: PTFE
Rated current	15 A
Impedance	75 Ohm
OHM	75
VSWR	$1.01 + 0.14 * f/\text{GHz}$
Vtest	1500 V (AC), 2120 V (DC)
Contact Type	Solder
Cable type	Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, Belden 9267,8233A, Triax 11 Nokia,466 140 LEDE

Form & Material

Shell style / Model id	FBE - Fixed plug with round flange and tag, nut fixing
Plug	Fixed
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, male
Colour	Grey
Weight	179.02 g

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Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP66
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	55/175/21
F ret (min)	90 N
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	85 dB (10 MHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

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