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Summary

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Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	1E
Suggested matching part	ERA.1E.275.SLL
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fzp-1e-275-slac65.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	1E.275 - 1 Coax (75 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Impedance	75 Ohm
VSWR	1.02 + 0.08 * f/GHz
Vtest	2400 V (AC), 3300 V (DC)
Contact Type	Solder
Cable type	RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

Form & Material

Shell style / Model id	FZP - Straight plug for remote handling, cable collet and inner anti-rotating device
Plug	Straight
Housing material	Stainless steel shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Colour	Grey
Weight	39.61 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
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]

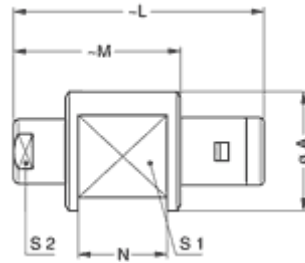
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.10 - 6.50 mm

Drawings



Dimensions

	A	L	M	N	S2	S1
mm.	20	42	28	15	9	15
in.	0.79	1.65	1.1	0.59	0.35	0.59

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