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Summary

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Number of contacts Low Voltage	18
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Size	2G
Suggested matching part	FGG.2G.318.CLAD72

https://www.lemo.com/int_en/phg-2g-318-clld72.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	2G.318 - 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5.5 A
Vtest (contact-contact)	1400 V (AC), 2000 V (DC)
Vtest (contact-shell)	1400 V (AC), 2000 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	18

Form & Material

Shell style / Model id	PHG - Free receptacle, cable collet
Socket / Receptacle	Free
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)
Weight	21.04 g

Environment

Environmental sealing (IP rating)	IP50
Endurance	500 mating cycles
Salt Spray Corrosion	>1000 hr

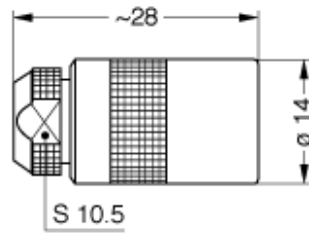
Cable fixation

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

Drawings

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Dimensions

	A	L	S2
mm.	14	28	10.5
in.	0.55	1.1	0.41

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