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Summary

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[2C 2G compact series](#)

Number of contacts Low Voltage	2
Wire Size/AWG	24 - 16
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.20 - 5.60 mm
Size	2C
Suggested matching part	ERA.2C.302.CLL

https://www.lemo.com/int_en/ffa-2c-302-clac57z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	3.5 mOhm
Insert configuration value	2C.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20 A
Vtest	1700 V (AC), 2400 V (DC)
Max. Solid Conductor	1 mm ² (AWG 16)
Max. Stranded Conductor	1 mm ² (AWG 18)
Bucket Dia.	1.4 mm (0.055 in)
Contact Dia.	1.6 mm (0.063 in)
Wire Size/AWG	24 - 16

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
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	Hermaphroditic keying (half moon insert) with male pin 1
Variant	Nut for fitting a bend relief
Weight	15.46 g

Environment

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

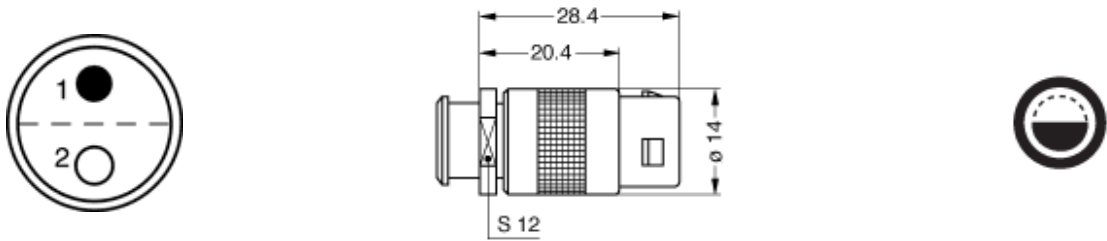
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Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.20 - 5.60 mm

Drawings



Dimensions

	A	L
mm.	14	28.4
in.	0.55	1.12

Cables

Cable PartNumber	Material	Colour	Cable image
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	