

[Standard](#)

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Summary

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Number of contacts Low Voltage	16
Wire Size/AWG	30 - 22
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.30 - 9.20 mm
Size	2P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cah-m16-gll-c92gz.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	16
Contact Termination Low voltage	Solder
Insert configuration value	2P.M16 - 16 Low V.
Insulator	L: PEEK for solder contacts
Rated current	5 A
Test voltage contact-contact	1.63 (kV DC)
Air clearance	0.65 mm
Creepage distance	0.65 mm
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	30 - 22
Gender	Reverse Gender

Form & Material

Shell style / Model id	CA - Straight plug with cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	H: 3 keys (alpha=0, gamma=80, Plug: female contacts, Receptacle: male contacts)
Colour	Grey
Weight	10.86 g

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Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>1000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 N
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.30 - 9.20 mm

Recommended By Lemo

Bend Reliefs

GMA.2B.080.RG	GMA.2B.080.RA	GMA.2B.080.RB
GMA.2B.080.RJ	GMA.2B.080.RM	GMA.2B.080.RN
GMA.2B.080.RR	GMA.2B.080.RS	GMA.2B.080.RV

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.16.T22.076QGZE	TPR (medical)	Grey	
216220	PVC	Black	
216240	PVC	Black	
316250	PVC	Grey	

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