



Image for illustrative purpose only

Summary

[Request a quote](#)

[P series catalog](#)

[Customer Drawing](#)

Number of contacts Low Voltage	19
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 7.20 mm
Size	2P
Suggested matching part	CAB.M19.GLA.C72G
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/crb-m19-gll-c72gz.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	19
Contact Termination Low voltage	Solder
Insert configuration value	2P.M19 - 19 Low V.
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK for solder contacts
Rated current	4.5 A
Test voltage contact-contact	1.48 (kV DC)
Air clearance	0.6 mm
Creepage distance	0.6 mm
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.027in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	CR - Free receptacle with cable collet and nut for fitting a bend relief
Socket / Receptacle	Free
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	12.15 g

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/crb-m19-gll-c72gz.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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]	5.30 - 7.20 mm

Recommended By Lemo

Tools

Spanner	DCP.91.023.TN
---------	-------------------------------

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/crb-m19-gll-c72gz.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.