



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[P series catalog](#)

[Customer Drawing](#)

Number of contacts Low Voltage	16
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 7.20 mm
Size	2P
Suggested matching part	<a href="#">CNB.M16.GLLV</a> <a href="#">CSB.M16.GLL.C72VZ</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cfb-m16-gla-c72vz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cfb-m16-gla-c72vz.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	16
Contact Termination Low voltage	Solder
Insert configuration value	2P.M16 - 16 Low V.
Footprint IPC Class3 compatibility	No
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 (0.031in)
Contact Dia.	0.7 mm (0.027in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	CF - Straight plug with cable collet, watertight (IP 66) and nut for fitting a bend relief
Plug	Straight
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 - Green
Weight	9.25 g

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cfb-m16-gla-c72vz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cfb-m16-gla-c72vz.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)	IP66
Endurance	>1000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 N
R leak (He) (max)	10 <sup>-7</sup> mbar·l/s (if vacuum-tested)
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	<a href="#">DCP.91.023.TN</a>
---------	-------------------------------

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cfb-m16-gla-c72vz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cfb-m16-gla-c72vz.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.

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.16.T28.059PGZE		grey	
CMN.16.T28.059PNZE			
CMN.16.T28.070NNZZ			
116080	PUR	Black	
116280	PVC	Black	
216260	PVC	Black	