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Summary

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Number of contacts Low Voltage	16
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.20 - 5.20 mm
Size	2P
Suggested matching part	CFB.M16.GYC.C52GZ
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/csb-m16-gym-c52gz.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	16
Contact Termination Low voltage	Crimp
Insert configuration value	2P.M16 - 16 Low V.
Insulator	Y: PEEK for crimp 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
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	CS - Free receptacle with cable collet, watertight (IP 66) 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	11.96 g

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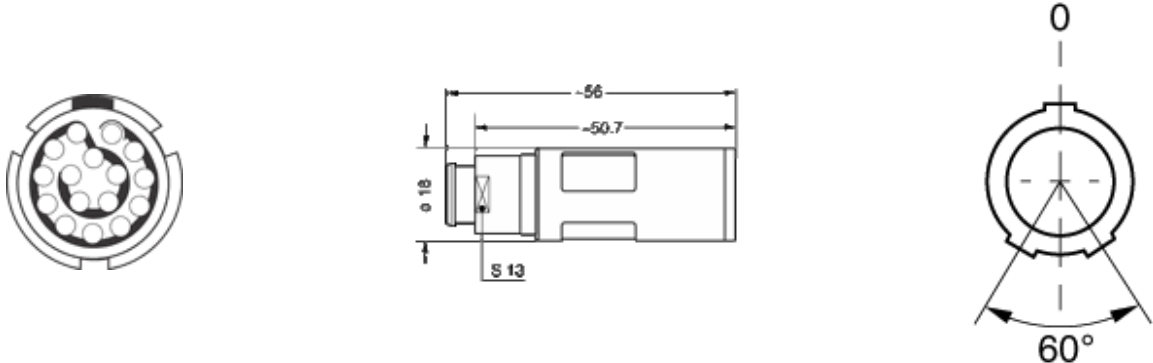
Environment

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
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]	3.20 - 5.20 mm

Drawings



Dimensions

	A	L
mm.	18	56
in.	0.71	2.2

Recommended By Lemo

Accessories	
Replacement contact	EGG.2B.655.ZZM
Tools	
Spanner	DCP.91.023.TN
Positionner	DCE.91.072.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.16.T30.047QGZE	TPR (medical)	Grey	
16050	PVC	Black	