

[Standard](#)

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Summary

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Number of contacts High Voltage	8
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 7.20 mm
Size	2P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/csb-h08-gll-c72gz.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	8
Contact Termination High voltage	Solder
Insert configuration value	2P.H08 - 8 High Voltage
Insulator	L: PEEK for solder contacts
Rated current	6.5 A
Test voltage contact-contact	14.56 (kV DC)
Air clearance	7.42 mm
Creepage distance	7.42 mm
Gender	Standard
Important recommendation	The use of potting type Epoxy or / and adhesive-lined heatshrink tubes (not provided with the connector) over each termination is necessary to achieve the indicated Air Clearance and Creepage distance values as well as the indicated Test voltage.

Form & Material

Shell style / Model id	CS - Free receptacle with cable collet and nut for fitting a bend relieft, watertight (IP 66)
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
Variant	Nut for fitting a bend relief
Weight	10.94 g

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
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.

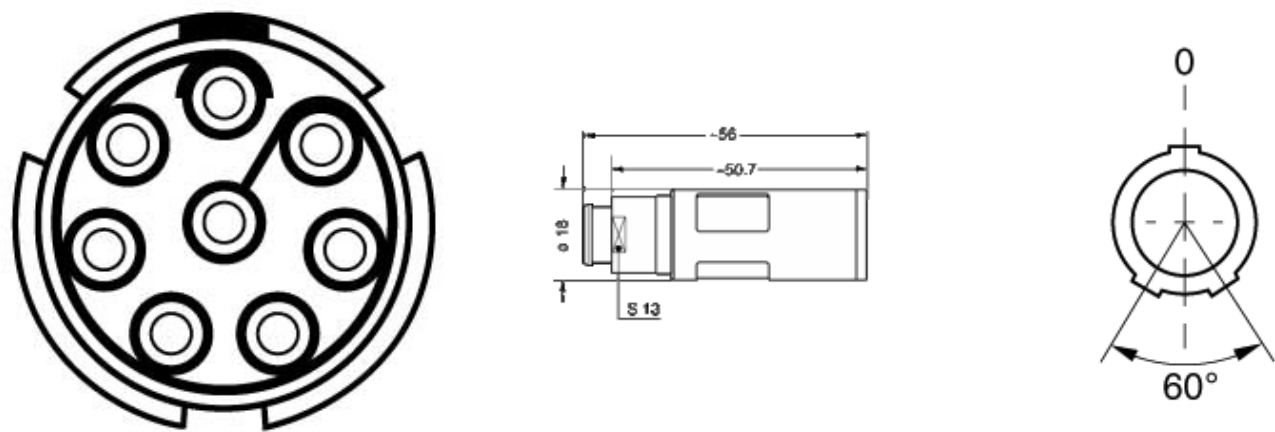
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Jacket cable outside diameter [mm]	5.30 - 7.20 mm

Drawings



Recommended By Lemo

Bend Reliefs		
GMA.2B.063.RG	GMA.2B.063.RA	GMA.2B.063.RB
GMA.2B.063.RJ	GMA.2B.063.RM	GMA.2B.063.RN
GMA.2B.063.RR	GMA.2B.063.RS	GMA.2B.063.RV