



*Image for illustrative purpose only*

## Summary

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Number of contacts High Voltage	2
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	2P
Suggested matching part	<a href="#">CFH.H02.GLL.C72SZ</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cnh-h02-glas.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cnh-h02-glas.html)

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# Technical details

## Electrical Configuration

Number of contacts High Voltage	2
Contact Termination High voltage	Solder
Insert configuration value	2P.H02 - 2 High Voltage
Insulator	L: PEEK and polyamide for male solder contacts
Rated current	11 A
Test voltage contact-contact	17.96 (kV DC)
Air clearance	8.9 mm
Creepage distance	8.9 mm
Gender	Reverse Gender
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	CN - Fixed receptacle, nut fixing, watertight (IP 66)
Socket / Receptacle	Fixed Panel Front Mounted
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 - Orange
Variant	Front flange orange
Weight	4.18 g

## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP66
Endurance	>5000 mating cycles
Temperature range	-50°C / +150°C
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us

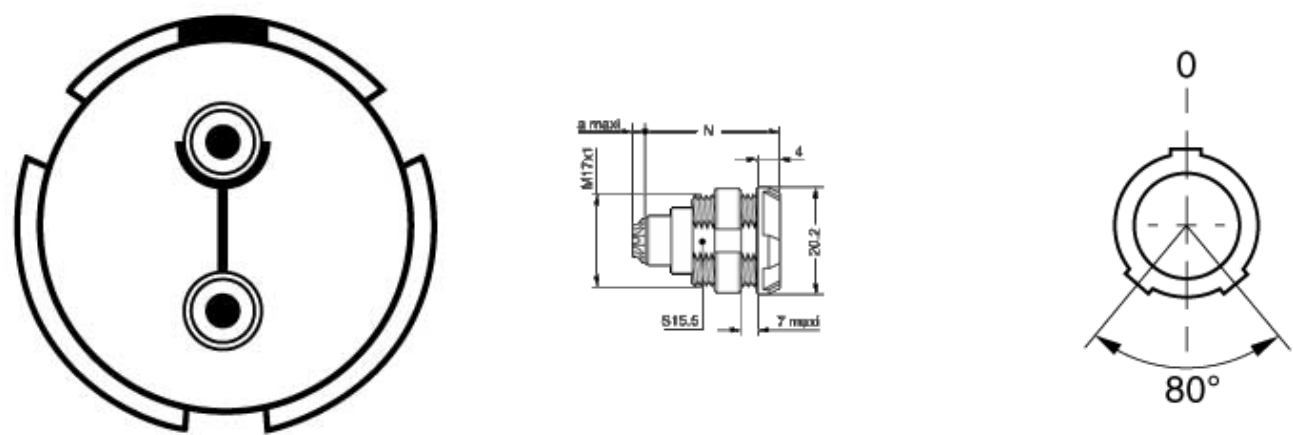
[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cnh-h02-glas.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cnh-h02-glas.html)

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

Drawings



Dimensions

	N	a maxi
mm.	26.6	2.5
in.	1.05	0.1