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Summary

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Number of contacts Low Voltage	12
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	1P
Suggested matching part	PLJ.M1.2TL.AN
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/paj-m1-2tl-lc52n.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insulator	L: PEEK (UL 94 / V-0/1.5)
Number of contacts Low Voltage	12
Gender	Reverse Gender

Form & Material

Shell style / Model id	PA - Straight plug with cable collet
Plug	Straight
Housing material	PEI (Polyetherimide), black
Locking system	Push-pull
Keying	J: 2 keys (beta=205, Plug: female contacts, Receptacle: male contacts)
Colour	Black
Variant	Black collet nut

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	> 5000 mating cycles
Temperature range	-50°C / +170°C
F ret (max)	150 N
F ret (min)	50 N
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.

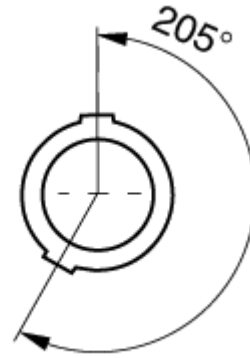
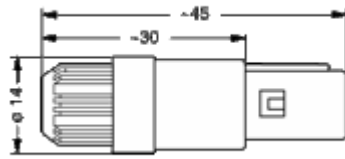
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.00 - 5.20 mm


https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/paj-m1-2tl-ic52n.html

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Drawings



Cables

Cable PartNumber	Material	Colour	Cable image
12050	PVC	Black	

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/paj-m1-2tl-1c52n.html

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