



Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.70 - 3.90 mm
Size	1P
Matching parts	PAG.M0.2NL.AC39R
Series	REDEL P - Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/prg-m0-2nl-lc39r.html

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	1P.M02 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 Amps
Test voltage (kV rms) Contact-contact	1.2
Contact Type	Solder
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Air clearance	1.3 mm
Creepage distance	1.3 mm
Bucket Dia.	1.1 mm (0.04in)
Contact Dia.	1.3 mm (0.0512in)
Number of contacts Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	PR - Free receptacle with cable collet
Socket / Receptacle	Free
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	1 key (alpha=0, Plug: male contact, Receptacle: female contact)
Variant	Red collet nut
Weight	4.43 g

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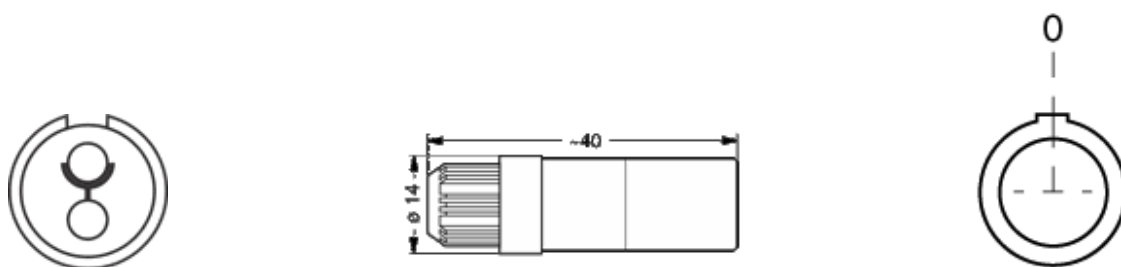
Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-50°C / +150°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	> 100 times (with potting on rear connection)

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.70 - 3.90 mm

Drawings



Dimensions

	A	L
mm.	14	40
in.	0.55	1.57

Recommended By Lemo
















Accessories

Tools

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
20140	PVC	Grey	
20140	PVC	Grey	
20141	PVC	Grey	
20142	PVC	Red	
20143	PVC	Green	
20144	PVC	Black	
20145	PVC	Yellow	
20146	PVC	Black	
20240	PTFE	White	
2050	PVC	Black	
2080	PVC	Grey	
2260	PTFE	White	

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