



Summary

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Number of contacts	7
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.70 - 7.50 mm
Size	3P
Matching parts	FGG.3P.306.NLWD75
Alternative part	PHG.3P.306.NLWD75G
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Insert configuration value	3P.306 - 6 Low Voltage + 1 Ground contact
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 Amps
Contact Type	Special
Contact Dia.	0.9
Number of contacts	7
Wire Size/AWG	30 - 22

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/phg-3p-306-nlwd75.html

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Form & Material

Shell style / Model id	PH - Free receptacle, cable collet
Socket / Receptacle	Free
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts

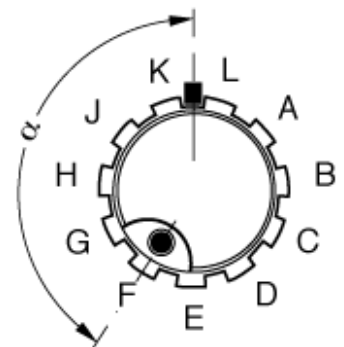
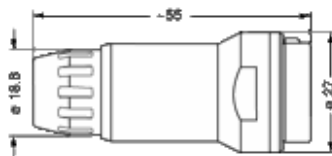
Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP61
Minimal temperature	-50°C / +150°C
F ret (max)	200 N
F ret (min)	100 N
Steam sterilization	20 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]	6.70 - 7.50 mm

Drawings



Dimensions

	L	A
mm.	55	27
in.	2.17	1.06

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