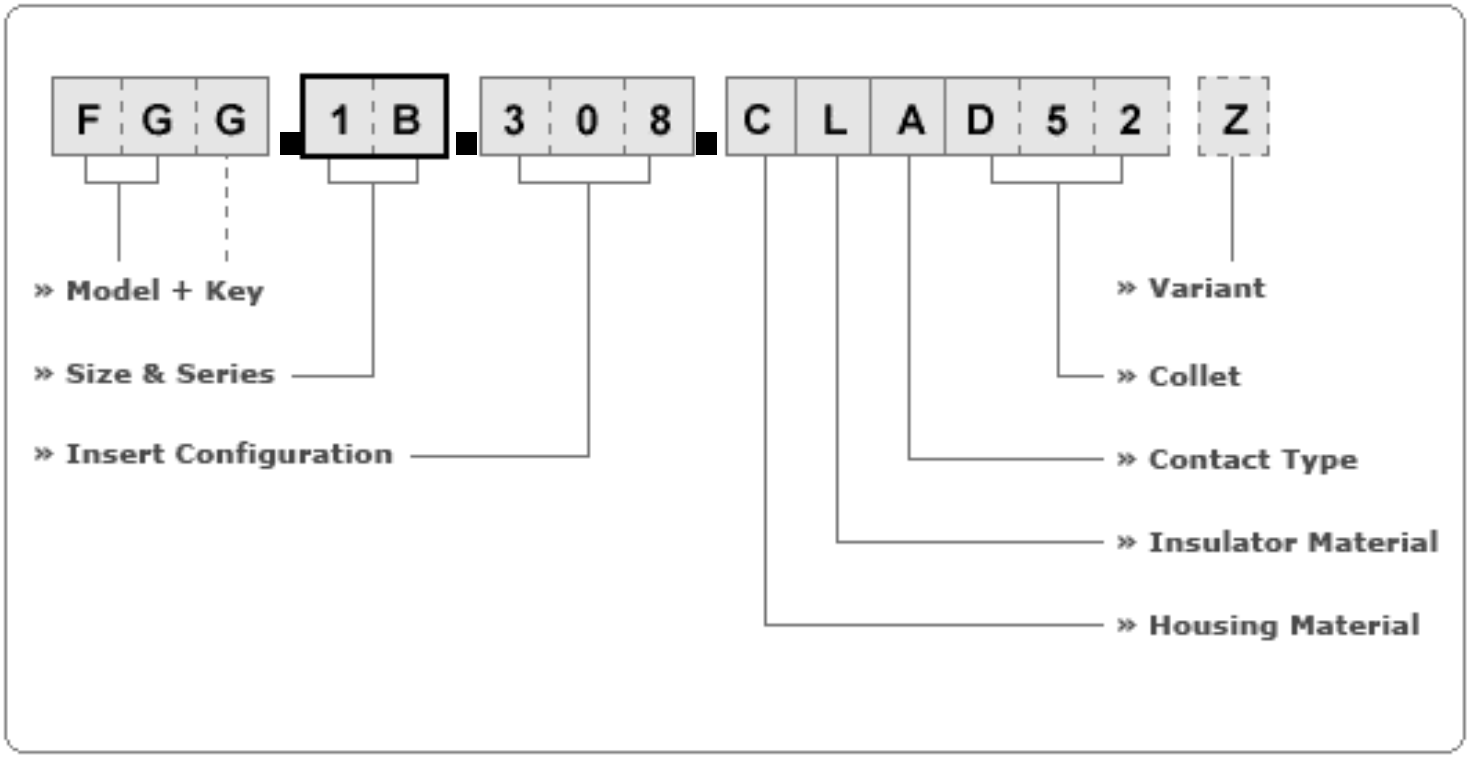
LEMO Part Numbering System



- 19 characters maximum length, including periods

LEMO Part Numbering System

Model Codes

A	X	X*										

* Designates the key in mechanical key series.

Code	Model
A X X	Adapters
B X X	Caps, Dust Covers
C X X	Bridges
D X X	Tools
E X X	Fixed Receptacles
F X X	Plugs
G X X	Accessories
H X X	Watertight Receptacles
P X X	Free Receptacles
R X X	Couplers
S X X	Couplers

LEMO Part Numbering System

Size & Series

Code	Descriptor
X Y	X=Size, Y=Series
	REDEL Series: X=character for insert, Y=number of contacts

LEMO Part Numbering System

Insert Configuration (most common)

					1	X	X							

Code	Insert Style	Descriptor
1 X X	Unipole	XX = Contact Diameter
2 X X	Coaxial	XX = Impedance
3 X X	Multipole	XX = Number of Contacts
4 X X	High Voltage	XX = Model Variation
6 X X	Triaxial	XX = Impedance
7 X X	Hybrid LV + HV	XX = Model Variation
8 X X	Hybrid LV + Coaxial	XX = Model Variation
9 X X	Other Hybrids	XX = Model Variation
0 X X	Fluidic	XX = Model Variation
X X n	Fiberoptic	XXn = Model Variation
		XX = two characters, n = digit
	(hybrid inserts)	XX = two digits, n = characters

LEMO Part Numbering System

Housing Material (most common)

								C					

Code	Material
C	Chrome plated brass
D	Gold plated brass
G	PEEK
H	PPS
K	Black chrome plated brass
L	Aluminum Alloy
N	Nickel plated brass
P	Polyamide 6 or Polysulfone
R	PPSU
S	Stainless steel
T	
U	
V	Brass green Zn plated
X	Avional

LEMO Part Numbering System

Insulator Material

							L						

Code	Insulator
J	PEEK (PEEK) [1]
G	PEEK (Pehd) [1]
L	PEEK
L	PEEK (PTFE) [1]
N	PA6.6
N	PA6.6 (PTFE) [1]
N	PBT[3]
N	PBT (PTFE) [1]
P	Pehd
T	PTFE
V	Polyimide
Y	PEEK[2]

The material used depends on the the connector type.

[1] Material of secondary insulator in the mixed types

[2] Longer version for crimp contacts

[3] Discontinued material, replaced by PEEK

LEMO Part Numbering

Contact Type

								M					

Code	Contact
A	Male solder Male - female [1]
C	Male crimp Male - male [2]
D	Male print
E	Male / male / female [3]
F	Female / female / male [3]
L	Female solder Female - male [2]
M	Female crimp Female - female [2]
N	Female print
W	Male solder[4] Female solder[4]
Y	Male crimp[4] Female crimp[4]
V	Elbow female print

As a general rule, plugs are fitted with male contacts

[1] For couplers only

[2] For bridge plugs

[3] For bridge plugs and straight plugs with two parallel sockets

[4] Male contact in plug, female in receptacle

LEMO Part Numbering

						T	9	6	

Code	Collet Attachment Method	Descriptor
C X X	Collet for REDEL® 1P and 2P Series	XX = Collet Diameter[1]
C X X	Collet for S, 2C, K, E, 4A, 4E, 4M, 0A, 00 series	XX = Collet Diameter[1]
D X X	Cable seal for REDEL ® 3P series	XX = Collet Diameter[1]
D X X	Collet for B, 2G, 00 series	XX = Collet Diameter[1]
E X X	Crimp fixing for 0A, 00, 01, fiber 00, 0B series	XX = Collet Diameter[1]
M X X	Collet (B series) for undersized cables[2]	XX = Collet Diameter[1]
K X X	Collet (S, K, E series) for oversized cables	XX = Collet Diameter[1]
L X X	Collet (long version) for B, 2C series	XX = Collet Diameter[1]
T X X	Adapter for fiber optic K series	XX = Collet Diameter[1]
T X X	Glue (other series)	XX = Collet Diameter[1]
Y X X	Collet for 3T series	XX = Collet Diameter[1]

[1] For collets greater than or equal to 10 mm (0.39") these digits represent the diameter in millimeters. Otherwise they represent diameter in 1/10 mm. The maximum cable diameter that fits the collet is typically 1/10 mm smaller than collet diameter. Example: a "D17" B-Series collet is 1.7 mm in diameter, and can accept a maximum cable diameter of 1.6 mm.

[2] requires reducer and reducing cone (to be ordered

LEMO Part Numbering System

Variant

														Z

Code	General Variants
Z	Collet nut for fitting a bend relief (free plugs and receptacles)
Z	No washer/nut (fixed plugs and receptacles)
P	Potted (watertight models)
PV	Potted and vacuum tested (watertight models)
N	Cable group (n=single digit)