

T SERIES
IP 68 PUSH-PULL CONNECTORS



T series

T series connectors have been specifically designed for outdoor applications. They include an inner sleeve and seals to prevent penetration of solids or liquids. This series is watertight when mated to give a protection index of IP68 as per IEC 60529 standard and have the following main features:

- IP68 mated
- Push-Pull self-latching system
- Mechanical key (FGG) with multiple keys to avoid cross-mating
- High packing density for space savings
- 360° shielding for full EMC shielding
- Compatible with existing B sockets
- Same mounting hole as B sockets
- Black-chrome plated brass and plastic outershell available
- Multipole types 2 to 32 contacts
- For cables 1.0 up to 10.5 mm
- Solder, crimp or print contacts

Technical Characteristics

Mechanical and Climatical	Value	Standard
Endurance	> 5000 cycles	IEC 60512-5 test 9a
Humidity	up to 95% at 60° C	–
Temperature range	-55° C, +200° C	–
Resistance to vibration	10-2000 Hz, 15 g	IEC 60512-4 test 6d
Shock resistance	100 g, 6 ms	IEC 60512-4 test 6c
Salt spray corrosion test	> 1000 h	IEC 60512-6 test 11f
Protection index (mated)	IP68	IEC 60529
Latching retention force	> 100 N	–

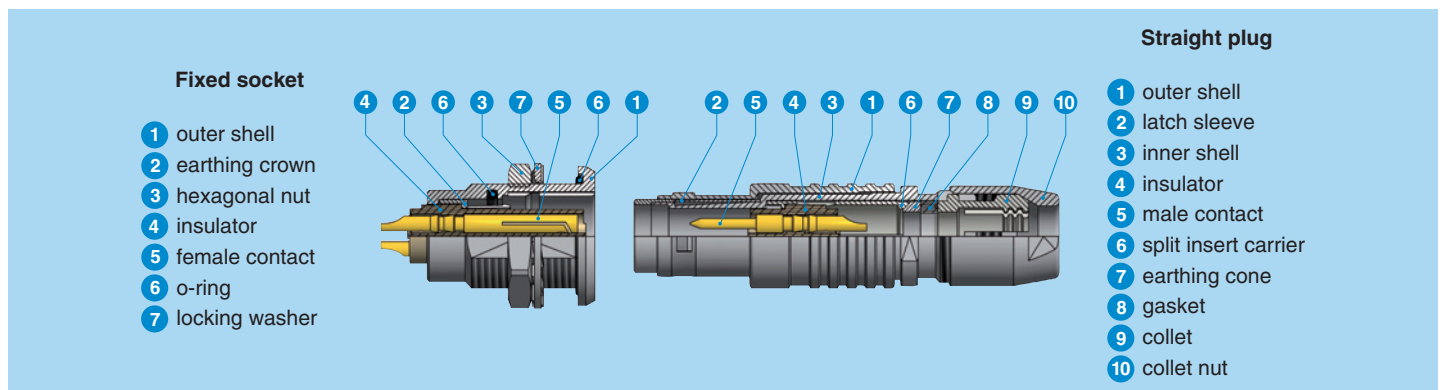
Electrical	Value	Standard
Shielding efficiency at 10 MHz	> 75 dB	IEC 60169-1-3
Shielding efficiency at 1 GHz	> 40 dB	IEC 60169-1-3

Material and Treatments

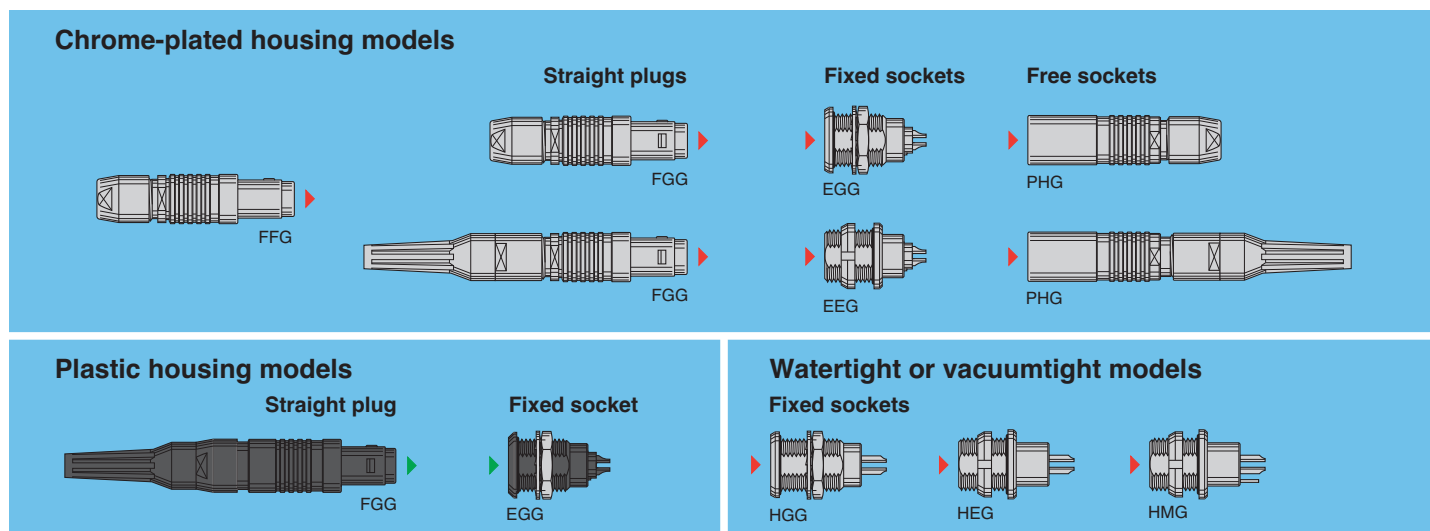
Outershell and collet nut		Latch sleeve/earthing crown		Other metallic components	
Material	Surface treatment	Material	Surface treatment	Material	Surface treatment
Brass	Chrome	Brass/Bronze	Nickel	Brass	Nickel
Brass	Black chrome	Brass/Bronze	Nickel	Brass	Nickel
POM	–	Brass/Bronze	Nickel	Brass	Nickel

Contacts		Insulators	
Material	Contact type	Material	Contact type
Brass (UNS C 34500)	Male contact	PEEK	Crimp, solder or print
Bronze (UNS C 54400)	Female contact		

Part Section Showing Internal Components

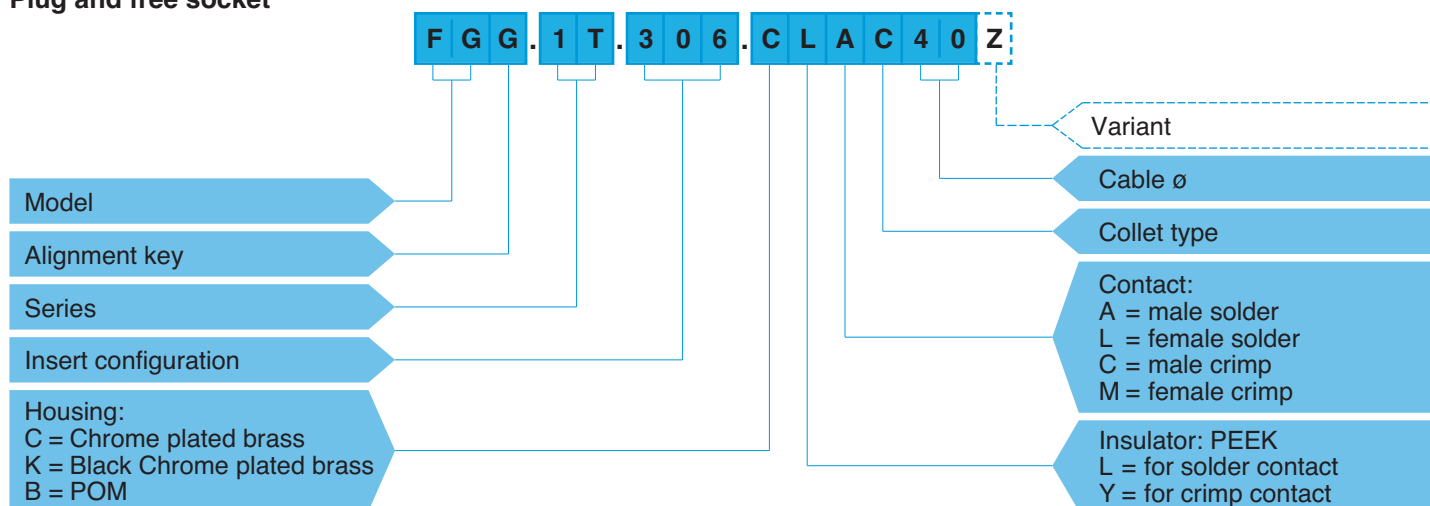


Interconnections



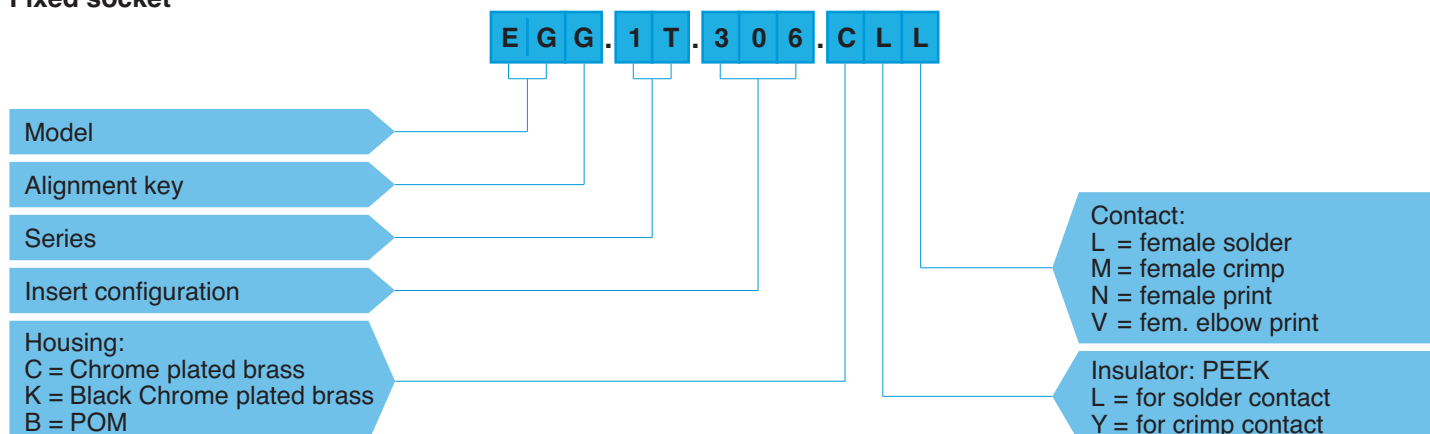
Part Numbering System

Plug and free socket



FGG.1T.306.CLAC40Z = Straight plug with key (G) and cable collet for bend relief, 1T series, multipole type with 6 contacts, outer shell in chrome-plated brass, PEEK insulator, male solder contacts, C type collet for 4.0 mm diameter cable and nut for fitting a bend relief.

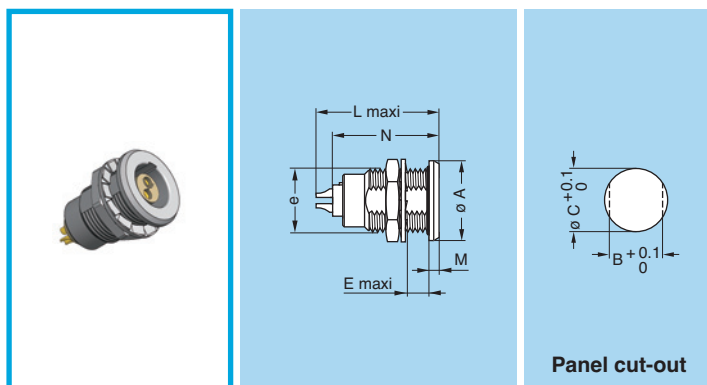
Fixed socket



EGG.1T.306.CLL = fixed socket, nut fixing, with key (G), 1T series, multipole type with 6 contacts, outer shell in chrome-plated brass, PEEK insulator, female solder contacts.

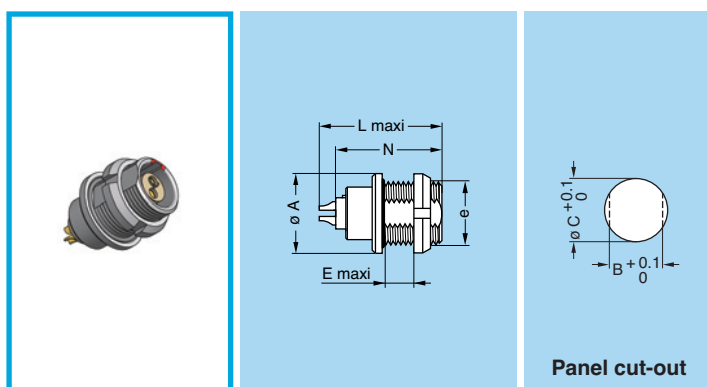
DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

EGG Fixed socket, nut fixing



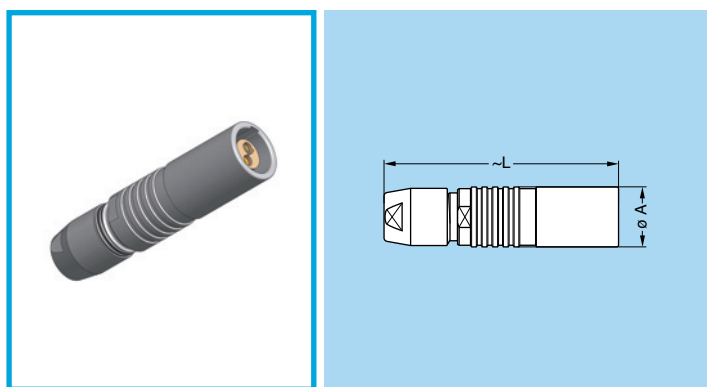
Reference		Dimensions (mm)						Panel cut-out	
Model	Series	A	e	E	L	M	N	B	C
EGG	TT	10.0	M7x0.5	5.5	16.0	1.2	13.5	6.4	7.1
EGG	0T	12.0	M9x0.6	6.0	21.0	1.5	19.1	8.3	9.1
EGG	1T	15.5	M12x1.0	6.0	23.0	1.8	21.5	10.6	12.1
EGG	2T	18.5	M15x1.0	7.5	26.5	1.8	24.6	13.6	15.1
EGG	3T	23.5	M18x1.0	9.6	30.1	2.5	25.0	16.6	18.1

EEG Fixed socket, nut fixing, back panel mounting



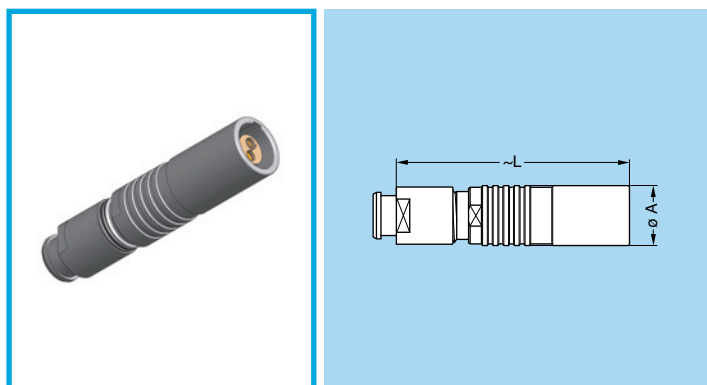
Reference		Dimensions (mm)					Panel cut-out	
Model	Series	A	e	E	L	N	B	C
EEG	TT	10.0	M7x0.5	4.5	16.0	13.5	6.4	7.1
EEG	0T	12.0	M9x0.6	6.5	21.0	19.1	8.3	9.1
EEG	1T	15.5	M12x1.0	6.5	23.0	21.5	10.6	12.1
EEG	2T	18.5	M15x1.0	7.5	26.5	24.6	13.6	15.1
EEG	3T	23.5	M18x1.0	7.5	30.1	25.0	16.6	18.1

PHG Free socket, cable collet



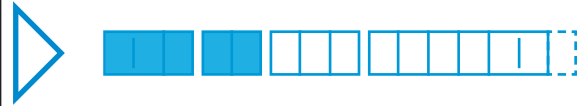
Reference		Dim. (mm)		Cable ø	
Model	Series	A	L	min.	max.
PHG	TT	6.5	32.0	2.4	3.0
PHG	0T	9.0	38.0	1.0	5.0
PHG	1T	12.0	43.5	1.3	6.5
PHG	2T	15.0	52.0	1.3	8.5
PHG	3T	17.0	61.5	2.6	10.5

PHG Free socket, cable collet and nut for fitting a bend relief



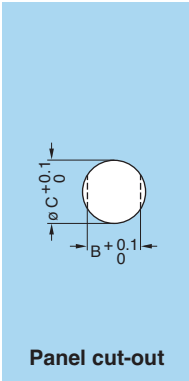
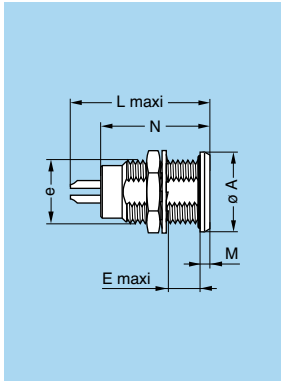
Reference		Dim. (mm)		Cable ø	
Model	Series	A	L	min.	max.
PHG	TT	6.5	31.5	2.4	3.0
PHG	0T	9.0	37.0	1.0	5.0
PHG	1T	12.0	42.5	1.3	6.5
PHG	2T	15.0	51.0	1.3	8.5
PHG	3T	17.0	60.0	2.6	10.5

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.



Watertight or vacuumtight models

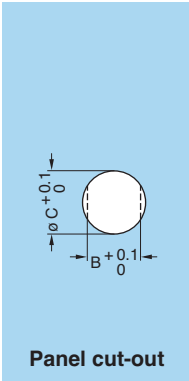
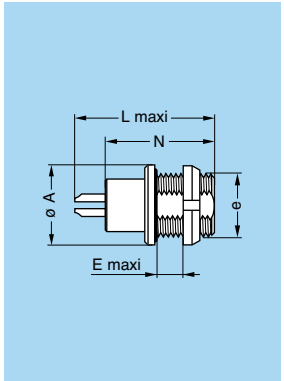
HGG Fixed socket, nut fixing, watertight or vacuumtight



Reference		Dimensions (mm)						Panel cut-out	
Model	Series	A	e	E	L	M	N	B	C
HGG	0T	12.0	M9x0.6	6.5	22.0	1.5	18.5	8.3	9.1
HGG	1T	15.5	M12x1.0	6.0	26.0	1.8	21.5	10.6	12.1
HGG	2T	18.5	M15x1.0	8.0	30.5	2.0	25.0	13.6	15.1

Note: temperature range -20°C / +100°C

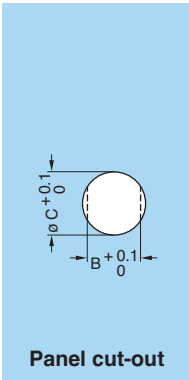
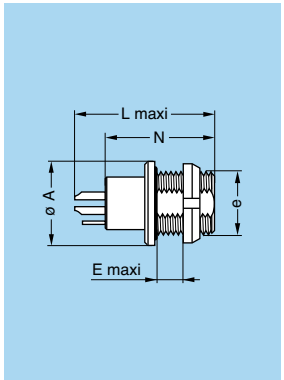
HEG Fixed socket, nut fixing, watertight or vacuumtight, back panel mounting



Reference		Dimensions (mm)					Panel cut-out	
Model	Series	A	e	E	L	N	B	C
HEG	0T	12.0	M9x0.6	6.5	22.0	18.5	8.3	9.1
HEG	1T	15.5	M12x1.0	6.5	26.0	21.5	10.6	12.1
HEG	2T	18.5	M15x1.0	7.5	30.5	25.0	13.6	15.1

Note: temperature range -20°C / +100°C

HMG Fixed socket, nut fixing, watertight or vacuumtight, back panel mounting



Reference		Dimensions (mm)					Panel cut-out	
Model	Series	A	e	E	L	N	B	C
HMG	0T	12.0	M9x0.6	6.5	22.0	18.5	8.3	9.1
HMG	1T	15.5	M12x1.0	6.5	26.0	21.5	10.6	12.1
HMG	2T	18.5	M15x1.0	7.5	30.5	25.0	13.6	15.1

Note: temperature range -20°C / +100°C

Insert configurations

Multipole

			Reference	Series	Contact ø (mm)	Contact type				AWG			Test voltage (kV rms)	Test voltage (kV dc)	Rated current (A)
						Solder	Crimp	Print (straight)	Print (elbow)	Solder (max.)	Crimp				
											min.	max.			
2			302	TT	0.5	•	•			30	32	28	1.00	0.95	5.0
				0T	0.9	•	•	•	•	22	32	20	1.00	1.05	10.0
				1T	1.3	•	•	•	•	20	26	18	1.50	1.35	15.0
				2T	2.0	•	•	•	•	16	18	12	2.10	1.75	25.0
				3T	3.0	•	•			12	14	10	2.10	1.55	35.0
3			303	TT	0.5	•	•			30	32	28	0.80	0.95	3.0
				0T	0.9	•	•	•	•	22	32	20	1.20	0.90	8.0
				1T	1.3	•	•	•	•	20	26	18	1.30	1.55	12.0
				2T	1.6	•	•	•	•	18	22	14	2.40	1.85	17.0
				3T	2.0	•	•	•		16	18	12	1.90	1.50	25.0
4			304	TT	0.5	•	•			30	32	28	0.80	0.65	2.0
				0T	0.7	•	•	•	•	22	32	22	0.85	0.70	7.0
				1T	0.9	•	•	•	•	22	32	20	1.35	1.45	10.0
				2T	1.3	•	•	•	•	20	26	18	1.85	1.85	15.0
				3T	2.0	•	•	•	•	16	18	12	1.45	1.25	19.0
5			305	0T	0.7	•	•	•	•	22	32	22	1.00	0.70	6.5
				1T	0.9	•	•	•	•	22	32	20	1.25	1.15	9.0
				2T	1.3	•	•	•	•	20	26	18	1.75	1.60	14.0
				3T	1.6	•	•	•		18	22	14	1.90	1.25	19.0
6			306	0T	0.5	•		•	•	28			0.85	0.65	2.5
				1T	0.7	•	•	•	•	22	32	22	1.05	1.20	7.0
6			306	2T	1.3	•	•	•	•	20	26	18	1.35	1.45	12.0
				3T	1.6	•	•	•	•	18	22	14	1.60	1.15	17.0

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

Multipole

	Solder contacts		Reference	Series	Contact ø (mm)	Contact type				AWG		Test voltage (kV rms)	Test voltage (kV dc)	Rated current (A)	
	Crimp contacts					Solder	Crimp	Print (straight)	Print (elbow)	Solder (max.)	Crimp				
											min.				max.
7			307	0T	0.5	●		●	●	28			0.80	0.70	2.5
				1T	0.7	●	●	●	●	22	32	22	0.95	1.05	7.0
				2T	1.3	●	●	●	●	20	26	18	1.75	1.60	11.0
				3T	1.6	●	●	●		18	22	14	1.70	1.25	15.0
8			308	1T	0.7	●	●	●	●	22	32	22	0.95	1.15	5.0
8			308	2T	0.9	●	●	●	●	22	32	20	1.50	1.25	10.0
				3T	1.3	●	●	●	●	20	26	18	1.65	1.15	13.0
9			309	0T	0.5	●		●	●	28			0.60	0.50	2.0
				3T	8x1.3 1x2.0	●	●	●		20 16	26 18	18 12	1.35	1.05	6.0 15.0
10			310	1T	0.5	●		●	●	28			0.90	1.50	2.5
				2T	0.9	●	●	●	●	22	32	20	1.45	1.30	8.0
				3T	1.3	●	●	●	●	20	26	18	1.25	0.90	12.0
12			312	0T	0.35	●				28			0.80	1.00	1.5
12			312	2T	0.7	●	●	●	●	22	32	22	1.25	1.35	7.0
				3T	0.9	●	●	●	●	22	32	20	1.45	1.00	9.0

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

Multipole

		Solder contacts		Crimp contacts		Reference	Series	Contact ø (mm)	Contact type				AWG		Test voltage (kV rms)	Test voltage (kV dc)	Rated current (A)
		Solder	Crimp	Print (straight)	Print (elbow)				Solder (max.)	Crimp							
										min.	max.						
14			314	1T	0.5	●		●	●	●	28			0.80	1.20	2.0	
				2T	0.7	●	●	●	●	●	22	32	22	1.15	1.35	6.5	
				3T	0.9	●	●	●	●	●	22	32	20	1.20	1.20	9.0	
16			316	1T	0.5	●		●			28			0.80	1.25	1.5	
				2T	0.7	●	●	●	●	●	22	32	22	0.95	1.25	6.0	
16			316	3T	0.9	●	●	●	●	22	32	20	1.20	0.85	8.0		
				2T	0.7	●	●	●	●	●	22	32	22	0.95	1.25	6.0	
18			318	2T	0.7	●	●	●	●	22	32	22	0.85	1.20	5.5		
				3T	0.9	●	●	●	●	●	22	32	20	1.20	1.05	7.0	
19			319	2T	0.7	●	●	●	●	22	32	22	0.95	1.25	5.0		
20			320	3T	0.7	●	●	●	●	22	32	22	1.00	0.90	6.0		
22			322	3T	0.7	●	●	●		22	32	22	1.00	0.90	5.5		

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

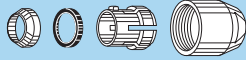
Multipole

	Solder contacts		Reference	Series	Contact ø (mm)	Contact type				AWG		Test voltage (kV rms)	Test voltage (kV dc)	Rated current (A)	
	Crimp contacts					Solder	Crimp	Print (straight)	Print (elbow)	Solder (max.)	Crimp				
											min.				max.
24			324	3T	0.7	●	●	●	●	22	32	22	0.95	0.80	4.0
26			326	2T	0.5	●		●		28			0.95	1.30	2.0
					3T	0.7	●	●	●		22	32	22	0.95	0.70
30			330	3T	0.7	●	●	●	●	22	32	22	0.80	0.70	3.5
32			332	2T	0.5	●		●		28			0.80	1.20	1.5

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.



Collets



	Type	Cable \varnothing (mm)	
		min.	max.
TT	C27	2.4	2.6
	C31	2.7	3.0
OT	C10	1.0	1.2
	C15	1.3	1.5
	C20	1.6	2.0
	C25	2.1	2.5
	C30	2.6	3.0
	C35	3.1	3.5
	C40	3.6	4.0
	C45	4.1	4.5
	C50	4.6	5.0

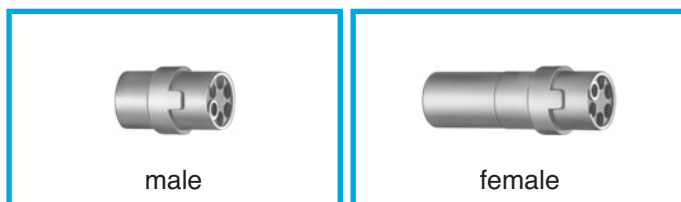
	Type	Cable \varnothing (mm)	
		min.	max.
1T	C15	1.3	1.5
	C20	1.6	2.0
	C25	2.1	2.5
	C30	2.6	3.0
	C35	3.1	3.5
	C40	3.6	4.0
	C45	4.1	4.5
	C50	4.6	5.0
	C55	5.1	5.5
	C60	5.6	6.0
	C65	6.1	6.5

	Type	Cable \varnothing (mm)	
		min.	max.
2T	C15	1.3	1.5
	C20	1.6	2.0
	C25	2.1	2.5
	C30	2.6	3.0
	C35	3.1	3.5
	C40	3.6	4.0
	C45	4.1	4.5
	C50	4.6	5.0
	C55	5.1	5.5
	C60	5.6	6.0
	C65	6.1	6.5
	C70	6.6	7.0
	C75	7.1	7.5
	C80	7.6	8.0
	C85	8.1	8.5

	Type	Cable \varnothing (mm)	
		min.	max.
3T	C30	2.6	3.0
	C35	3.1	3.5
	C40	3.6	4.0
	C45	4.1	4.5
	C50	4.6	5.0
	C55	5.1	5.5
	C60	5.6	6.0
	C65	6.1	6.5
	C70	6.6	7.0
	C75	7.1	7.5
	C80	7.6	8.0
	C85	8.1	8.5
	C90	8.6	9.0
	C95	9.1	9.5
	C10	9.6	10.0
	C11	10.1	10.5

Spare parts

FGG-EGG Insulators for crimp contacts



	Type	Insulator part number	
		Male contact	Female contact
TT	302	FGG.00.302.YL	EGG.00.402.YL
	303	FGG.00.303.YL	EGG.00.403.YL
	304	FGG.00.304.YL	EGG.00.404.YL
OT	302	FGG.0B.302.YL	EGG.0B.402.YL
	303	FGG.0B.303.YL	EGG.0B.403.YL
	304	FGG.0B.304.YL	EGG.0B.404.YL
	305	FGG.0B.305.YL	EGG.0B.405.YL
	306	FGG.0B.306.YL	-
	307	FGG.0B.307.YL	-
	309	FGG.0B.309.YL	-
1T	302	FGG.1B.302.YL	EGG.1B.402.YL
	303	FGG.1B.303.YL	EGG.1B.403.YL
	304	FGG.1B.304.YL	EGG.1B.404.YL
	305	FGG.1B.305.YL	EGG.1B.405.YL
	306	FGG.1B.306.YL	EGG.1B.406.YL
	307	FGG.1B.307.YL	EGG.1B.407.YL
	308	FGG.1B.308.YL	EGG.1B.408.YL
	310	FGG.1B.310.YL	-
	314	FGG.1B.314.YL	-
	316	FGG.1B.316.YL	-
2T	302	FGG.2B.302.YL	EGG.2B.402.YL
	303	FGG.2B.303.YL	EGG.2B.403.YL
	304	FGG.2B.304.YL	EGG.2B.404.YL
	305	FGG.2B.305.YL	EGG.2B.405.YL
	306	FGG.2B.306.YL	EGG.2B.406.YL
	307	FGG.2B.307.YL	EGG.2B.407.YL
	308	FGG.2B.308.YL	EGG.2B.408.YL

	Type	Insulator part number	
		Male contact	Female contact
2T	310	FGG.2B.310.YL	EGG.2B.410.YL
	312	FGG.2B.312.YL	EGG.2B.412.YL
	314	FGG.2B.314.YL	EGG.2B.414.YL
	316	FGG.2B.316.YL	EGG.2B.416.YL
	318	FGG.2B.318.YL	EGG.2B.418.YL
	319	FGG.2B.319.YL	EGG.2B.419.YL
3T	302	FGG.3B.302.YL	EGG.3B.402.YL
	303	FGG.3B.303.YL	EGG.3B.403.YL
	304	FGG.3B.304.YL	EGG.3B.404.YL
	305	FGG.3B.305.YL	EGG.3B.405.YL
	306	FGG.3B.306.YL	EGG.3B.406.YL
	307	FGG.3B.307.YL	EGG.3B.407.YL
	308	FGG.3B.308.YL	EGG.3B.408.YL
	309	FGG.3B.309.ML	EGG.3B.409.ML
	310	FGG.3B.310.YL	EGG.3B.410.YL
	312	FGG.3B.312.YL	EGG.3B.412.YL
	314	FGG.3B.314.YL	EGG.3B.414.YL
	316	FGG.3B.316.YL	EGG.3B.416.YL
	318	FGG.3B.318.YL	EGG.3B.418.YL
	320	FGG.3B.320.YL	EGG.3B.420.YL
	322	FGG.3B.322.YL	EGG.3B.422.YL
324	FGG.3B.324.YL	EGG.3B.424.YL	
326	FGG.3B.326.YL	EGG.3B.426.YL	
330	FGG.3B.330.YL	EGG.3B.430.YL	

Note: each insulator can be used both for crimp contacts of normal shape (fig. 1) or with reduced solder cups (fig. 2) as shown on page 12.

FGG-EGG Crimp contacts

Fig. 1

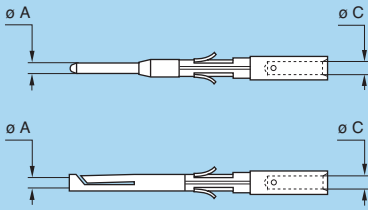
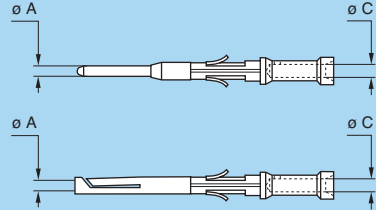


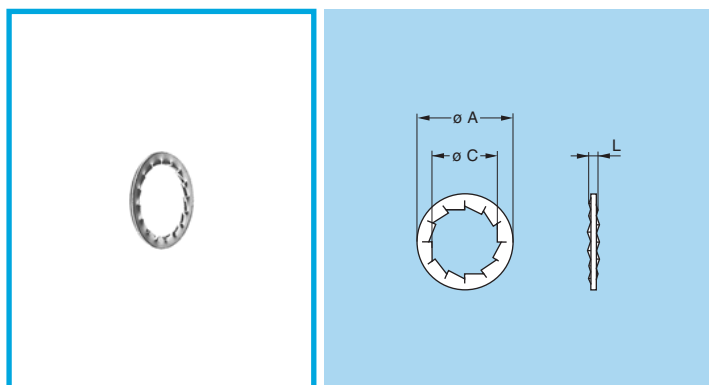
Fig. 2



	Types	ø (mm)		Contact part number	
		A	C	Male	Female
TT	302	0.5	0.45	FGG.00.554.ZZC	EGG.00.654.ZZM
	303	0.5	0.45	FGG.00.554.ZZC	EGG.00.654.ZZM
	304	0.5	0.45	FGG.00.554.ZZC	EGG.00.654.ZZM
0T	302/303	0.9	1.10	FGG.0B.560.ZZC	EGG.0B.660.ZZM
	304/305	0.7	0.80	FGG.0B.555.ZZC	EGG.0B.655.ZZM
	306/307/309	0.5	0.45	FGG.0B.554.ZZC	-
1T	302/303	1.3	1.40	FGG.1B.565.ZZC	EGG.1B.665.ZZM
	304/305	0.9	1.10	FGG.1B.560.ZZC	EGG.1B.660.ZZM
	306/307/308	0.7	0.80	FGG.1B.555.ZZC	EGG.1B.655.ZZM
	310/314/316	0.5	0.45	FGG.1B.554.ZZC	-
2T	302	2.0	2.40	FGG.2B.575.ZZC	EGG.2B.675.ZZM
	303	1.6	1.90	FGG.2B.570.ZZC	EGG.2B.670.ZZM
	304/305	1.3	1.40	FGG.2B.565.ZZC	EGG.2B.665.ZZM
	306/307	1.3	1.40	FGG.2B.565.ZZC	EGG.2B.665.ZZM
	308/310	0.9	1.10	FGG.2B.560.ZZC	EGG.2B.660.ZZM
	312/314/316	0.7	0.80	FGG.2B.555.ZZC	EGG.2B.655.ZZM
	318/319	0.7	0.80	FGG.2B.555.ZZC	EGG.2B.655.ZZM
	320/322/324	0.7	0.80	FGG.2B.555.ZZC	EGG.2B.655.ZZM
3T	302	3.0	3.20	FGG.3B.580.ZZC	EGG.3B.680.ZZM
	303/304/309	2.0	2.40	FGG.3B.575.ZZC	EGG.3B.675.ZZM
	305/306/307	1.6	1.90	FGG.3B.570.ZZC	EGG.3B.670.ZZM
	308/309/310	1.3	1.40	FGG.3B.565.ZZC	EGG.3B.665.ZZM
	312/314	0.9	1.10	FGG.3B.560.ZZC	EGG.3B.660.ZZM
	316/318	0.9	1.10	FGG.3B.560.ZZC	EGG.3B.660.ZZM
	320/322/324	0.7	0.80	FGG.3B.555.ZZC	EGG.3B.655.ZZM
	326/330	0.7	0.80	FGG.3B.555.ZZC	EGG.3B.655.ZZM

	Types	ø (mm)		Contact part number	
		A	C	Male	Female
0T	302/303	0.9	0.80	FGG.0B.561.ZZC	EGG.0B.661.ZZM
	302/303	0.9	0.45	FGG.0B.562.ZZC	EGG.0B.662.ZZM
	304/305	0.7	0.45	FGG.0B.556.ZZC	EGG.0B.656.ZZM
1T	302/303	1.3	1.10	FGG.1B.566.ZZC	EGG.1B.666.ZZM
	304/305	0.9	0.80	FGG.1B.561.ZZC	EGG.1B.661.ZZM
	306/307/308	0.7	0.45	FGG.1B.556.ZZC	EGG.1B.656.ZZM
2T	302	2.0	1.90	FGG.2B.576.ZZC	EGG.2B.676.ZZM
	303	1.6	1.40	FGG.2B.571.ZZC	EGG.2B.671.ZZM
	304/305	1.3	1.10	FGG.2B.566.ZZC	EGG.2B.666.ZZM
	306/307	1.3	1.10	FGG.2B.566.ZZC	EGG.2B.666.ZZM
	304/305	1.3	0.80	FGG.2B.567.ZZC	EGG.2B.667.ZZM
	306/307	1.3	0.80	FGG.2B.567.ZZC	EGG.2B.667.ZZM
	308/310	0.9	0.80	FGG.2B.561.ZZC	EGG.2B.661.ZZM
	308/310	0.9	0.45	FGG.2B.562.ZZC	EGG.2B.662.ZZM
	312/314/316	0.7	0.45	FGG.2B.556.ZZC	EGG.2B.656.ZZM
	318/319	0.7	0.45	FGG.2B.556.ZZC	EGG.2B.656.ZZM
3T	303/304/309	2.0	1.90	FGG.3B.576.ZZC	EGG.3B.676.ZZM
	305/306/307	1.6	1.40	FGG.3B.571.ZZC	EGG.3B.671.ZZM
	308/309/310	1.3	1.10	FGG.3B.566.ZZC	EGG.3B.666.ZZM
	312/314	0.9	0.80	FGG.3B.561.ZZC	EGG.3B.661.ZZM
	316/318	0.9	0.80	FGG.3B.561.ZZC	EGG.3B.661.ZZM
	316/318	0.9	0.45	FGG.3B.562.ZZC	EGG.3B.662.ZZM
	320/322/324	0.7	0.45	FGG.3B.556.ZZC	EGG.3B.656.ZZM
	326/330	0.7	0.45	FGG.3B.556.ZZC	EGG.3B.656.ZZM

GBA Locking washers

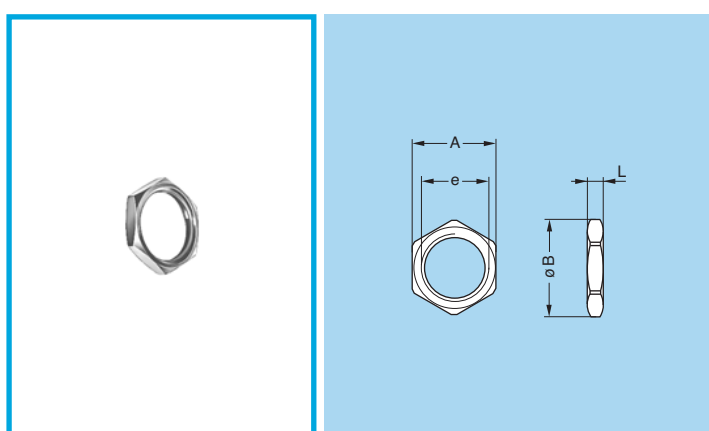


Part number	Series	Dimensions (mm)		
		A	C	L
GBA.00.250.FN	TT	9.5	7.1	1.0
GBA.0S.250.FN	0T	12.5	9.1	1.0
GBA.1S.250.FN	1T	16.0	12.1	1.0
GBA.2S.250.FN	2T	19.5	15.1	1.2
GBA.3S.250.FN	3T	25.0	18.1	1.4

Note: to order this accessory separately, use the above part numbers.

- Material: Nickel-plated bronze (3 μm)

GEA Hexagonal nuts

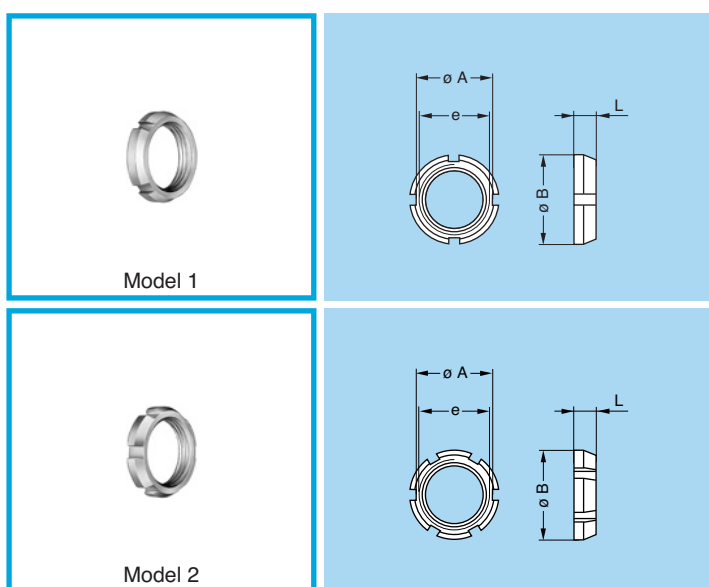


Part number	Series	Dimensions (mm)			
		A	B	e	L
GEA.00.240.LN	TT	9	10.2	M7 x 0.5	2.0
GEA.0S.240.LN	0T	11	12.4	M9 x 0.6	2.0
GEA.1S.240.LN	1T	14	15.8	M12 x 1.0	2.5
GEA.2S.240.LN	2T	17	19.2	M15 x 1.0	2.7
GEA.3S.240.LN	3T	22	25.0	M18 x 1.0	3.0

Note: to order this part separately, use the above part numbers. The last letters «LN» of the part number refer to the nut material and treatment. If a nut in aluminium alloy or stainless steel is desired, replace the last letters of the part number by «PT» or «AZ» respectively.

- Material: Nickel-plated brass (3 μm), Natural anodized aluminium alloy, Stainless steel

GEG Notched nuts

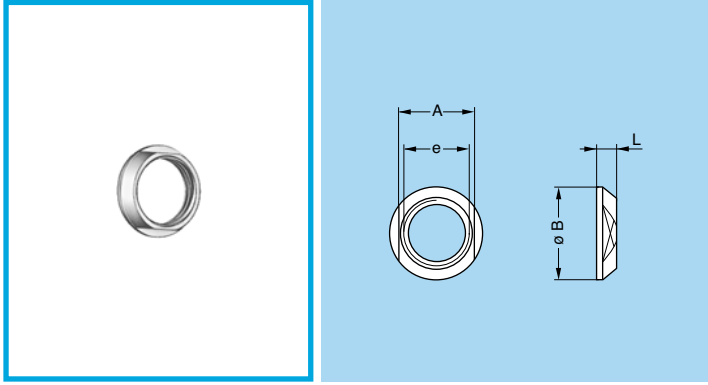


Part number	Series	Dimensions (mm)				Model
		A	B	e	L	
GEG.00.240.LC	TT	8.6	10	M7 x 0.5	2.5	1
GEG.0S.240.LC	0T	10.5	12	M9 x 0.6	2.5	1
GEG.1S.240.LC	1T	14.0	16	M12 x 1.0	3.5	1
GEG.2S.240.LC	2T	17.5	20	M15 x 1.0	3.5	2

Note: TT, 0T, 1T and 2T series fixed and free sockets for back panel mounting are always delivered with this notched nut. To order this accessory separately, use the above part numbers.

- Material: Chrome-plated brass (Ni 3 μm + Cr 0.3 μm)

GEC Conical nuts



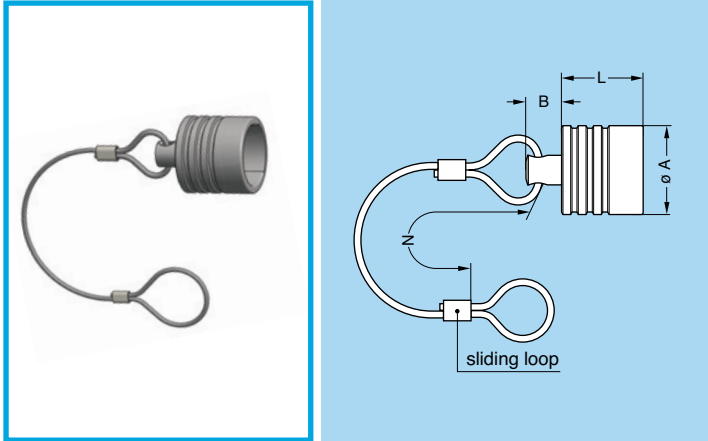
Part number	Series	Dimensions (mm)			
		A	B	e	L
GEC.00.240.LC	TT	8	10	M7 x 0.5	2.5
GEC.0S.240.LC	0T	10	12	M9 x 0.6	2.5
GEC.1S.240.LC	1T	13	16	M12 x 1.0	3.2
GEC.2S.240.LC	2T	17	20	M15 x 1.0	3.8
GEC.3S.240.LC	3T	20	24	M18 x 1.0	4.5

Note: 3T series fixed and free sockets for back panel mounting are always delivered with a conical nut. To order this accessory separately, use the part numbers in the adjacent table.

- Material: Chrome-plated brass (Ni 3 μm + Cr 0.3 μm)

Accessories

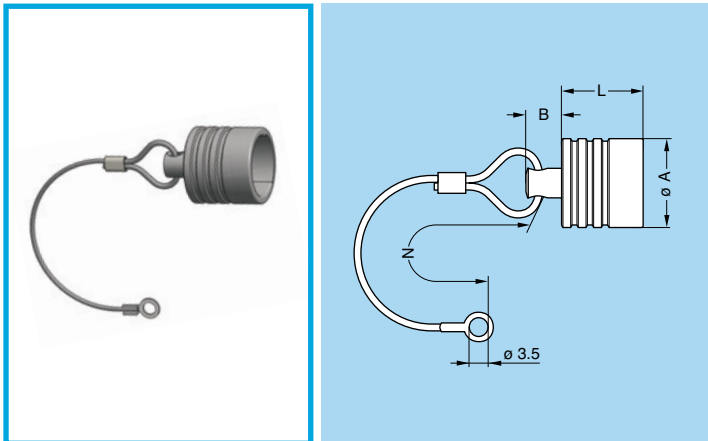
BFG Blanking caps for plugs



Part number	Dimensions (mm)			
	A	B	L	N
BFG.TT.100.CAS	6.5	4.0	9.0	60
BFG.0T.100.CAS	9.0	5.0	11.0	85
BFG.1T.100.CAS	12.0	6.0	12.4	85
BFG.2T.100.CAS	15.0	6.0	13.8	85
BFG.3T.100.CAS	17.0	6.0	17.6	120

- Body material: Chrome-plated brass (Ni 3 μm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529

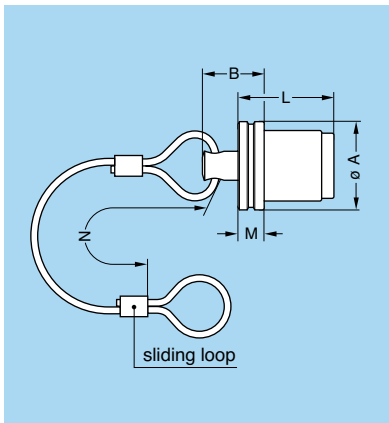
BHG Blanking caps for fixed plugs



Part number	Dimensions (mm)			
	A	B	L	N
BHG.TT.100.CAS	6.5	4.0	9.0	60
BHG.0T.100.CAS	9.0	5.0	11.0	85
BHG.1T.100.CAS	12.0	6.0	12.4	85
BHG.2T.100.CAS	15.0	6.0	13.8	85
BHG.3T.100.CAS	17.0	6.0	17.6	120

- Body material: Chrome-plated brass (Ni 3 μm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529

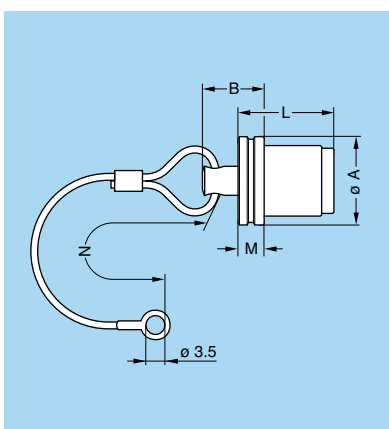
BRF Blanking caps for free sockets



Part number	Dimensions (mm)				
	A	B	L	M	N
BRF.TT.200.CAZ	6.5	6.5	10.5	2.5	60
BRF.0T.200.CAZ	9.0	7.7	12.7	2.7	85
BRF.1T.200.CAZ	12.0	9.5	14.4	3.5	85
BRF.2T.200.CAZ	15.0	10.4	16.3	4.4	85
BRF.3T.200.CAZ	17.0	11.4	20.2	5.4	120

- Body material: Chrome-plated brass (Ni 3 μm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529

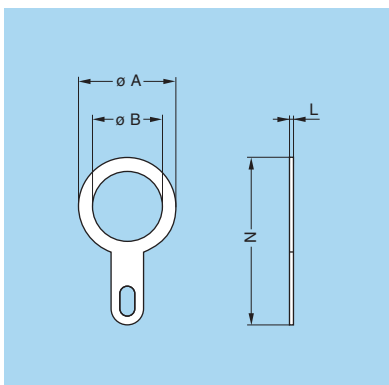
BRE Blanking caps for sockets



Part number	Dimensions (mm)				
	A	B	L	M	N
BRE.TT.200.CAZ	6.5	6.5	10.5	2.5	60
BRE.0T.200.CAZ	9.0	7.7	12.7	2.7	85
BRE.1T.200.CAZ	12.0	9.5	14.4	3.5	85
BRE.2T.200.CAZ	15.0	10.4	16.3	4.4	85
BRE.3T.200.CAZ	17.0	11.4	20.2	5.4	120

- Body material: Chrome-plated brass (Ni 3 μm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529

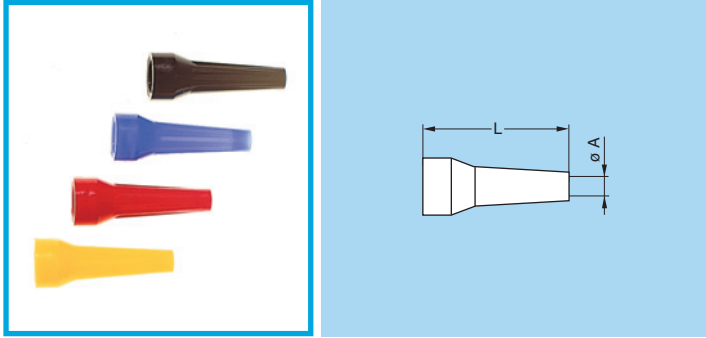
GCA Earthing washers



Part number	Series	Dimensions (mm)			
		A	B	L	N
GCA.00.255.LT	TT	9.5	7.1	0.4	18.2
GCA.0S.255.LT	0T	13.0	9.1	0.4	22.0
GCA.1S.255.LT	1T	17.0	12.2	0.5	27.5
GCA.2S.255.LT	2T	20.0	15.2	0.5	32.0
GCA.3S.255.LT	3T	25.0	18.2	0.5	39.0

- Material: CuSnZn plated brass (2 μm)

Bend relief



	Part number	Bend relief		Cable ϕ	
		A	L	min.	max.
TT	GMA.00.012.DG	1.2	22	1.1	1.4
	GMA.00.018.DG	1.8	22	1.8	2.1
	GMA.00.025.DG	2.5	22	2.5	2.8
	GMA.00.028.DG	2.8	22	2.8	3.1
	GMA.00.032.DG	3.2	22	3.2	3.5
	GMD.00.025.DG	2.5	22	2.5	2.8
	GMD.00.028.DG	2.8	22	2.8	3.1
	GMD.00.032.DG	3.2	22	3.2	3.5
0T	GMA.0B.025.DG	2.5	24	2.5	2.9
	GMA.0B.030.DG	3.0	24	3.0	3.4
	GMA.0B.035.DG	3.5	24	3.5	3.9
	GMA.0B.040.DG	4.0	24	4.0	4.4
	GMA.0B.045.DG	4.5	24	4.5	5.2
1T	GMA.1B.025.DG	2.5	30	2.5	2.9
	GMA.1B.030.DG	3.0	30	3.0	3.4
	GMA.1B.035.DG	3.5	30	3.5	3.9
	GMA.1B.040.DG	4.0	30	4.0	4.4
	GMA.1B.045.DG	4.5	30	4.5	4.9
	GMA.1B.054.DG	5.4	30	5.4	6.0
	GMA.1B.065.DG	6.5	30	6.5	7.0

	Part number	Bend relief		Cable ϕ	
		A	L	min.	max.
2T	GMA.2B.040.DG	4.0	36	4.0	4.5
	GMA.2B.045.DG	4.5	36	4.5	5.0
	GMA.2B.050.DG	5.0	36	5.0	5.5
	GMA.2B.060.DG	6.0	36	6.0	6.5
	GMA.2B.070.DG	7.0	36	7.0	7.7
	GMA.2B.080.DG	7.8	36	7.8	8.8
3T	GMA.3B.050.DG	4.5	42	4.5	5.2
	GMA.3B.060.DG	6.0	42	6.0	6.9
	GMA.3B.080.DG	8.0	42	8.0	8.9
	GMA.3B.090.DG	9.0	42	9.0	10.0

Note: all dimensions are in millimetres.

Ref.	Colour
A	blue
B	white
G	grey

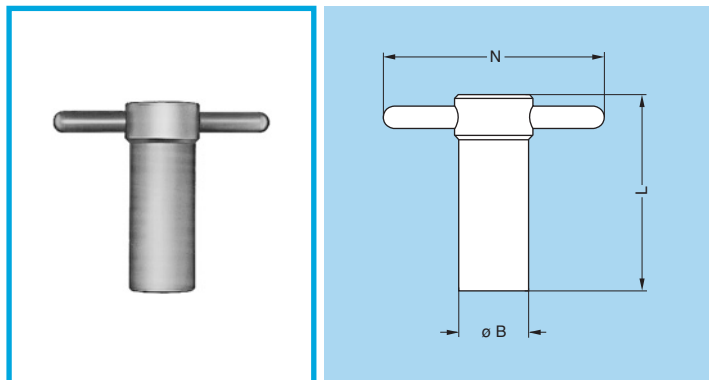
Ref.	Colour
J	yellow
M	brown
N	black

Ref.	Colour
R	red
S	orange
V	green

Note: the last letter «G» of the part number indicates the grey colour of the bend relief. For ordering a bend relief with another colour, see table above and replace the letter «G» by the letter of the required colour.

Tooling

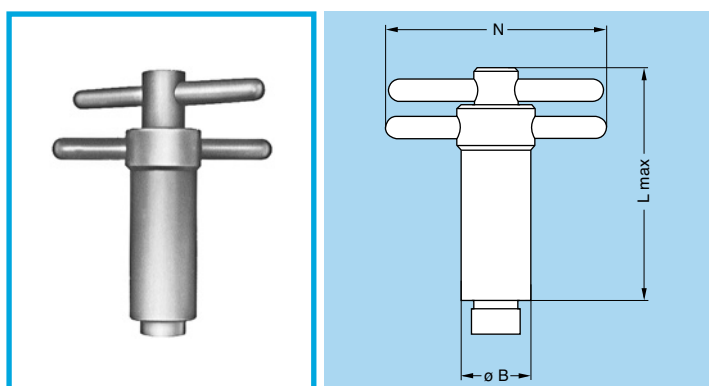
DCG Spanners for hexagonal nuts



Part number	Series	Dimensions (mm)			Part number of the nut
		B	L	N	
DCG.91.149.0TN	TT	14	40	50	GEA.00.240.LN
DCG.91.161.1TN	0T	16	45	52	GEA.0S.240.LN
DCG.91.201.4TN	1T	20	52	65	GEA.1S.240.LN
DCG.91.231.7TN	2T	23	62	68	GEA.2S.240.LN
DCG.91.282.2TN	3T	28	76	73	GEA.3S.240.LN

● Material: blackened steel

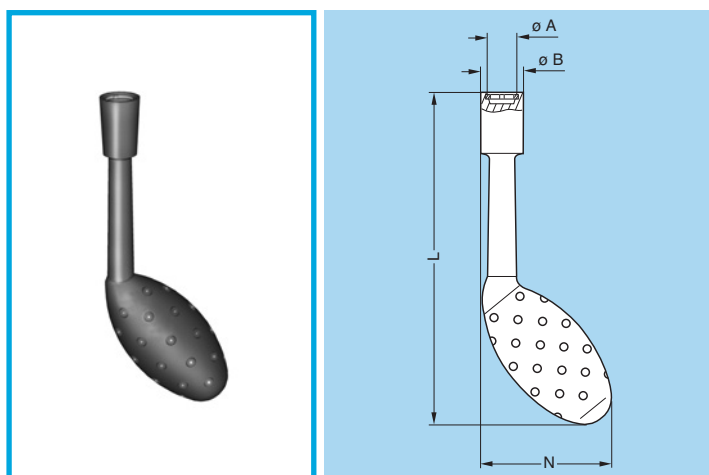
DCA Spanners for hexagonal nuts with locator for flats on socket thread



Part number	Series	Dimensions (mm)			Part number of the nut
		B	L	N	
DCA.91.149.0TN	TT	14	65	50	GEA.00.240.LN
DCA.91.161.1TN	0T	16	73	52	GEA.0S.240.LN
DCA.91.201.4TN	1T	20	85	65	GEA.1S.240.LN
DCA.91.231.7TN	2T	23	100	68	GEA.2S.240.LN
DCA.91.282.2TN	3T	28	120	73	GEA.3S.240.LN

● Material: blackened steel

DCH Spanners for conical nuts

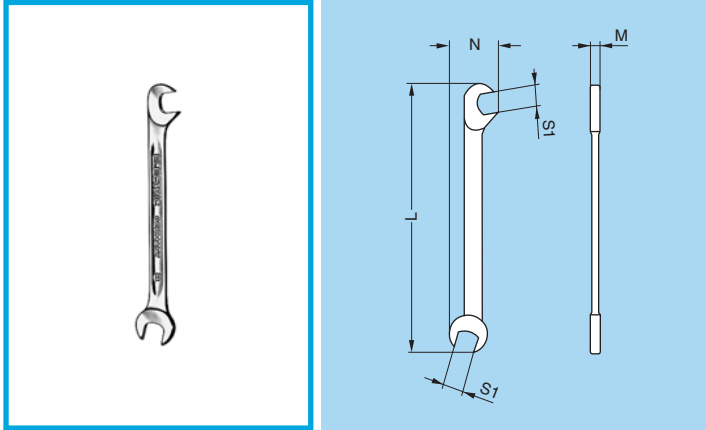


Part number	Series	Dimensions (mm)				Part number of the nut
		A	B	L	N	
DCH.91.101.PN	TT	10.1	12.8	124	48.3	GEC.00.240.LC
DCH.91.121.PN	0T	12.1	14.8	124	49.3	GEC.0S.240.LC
DCH.91.161.PN	1T	16.1	21.0	124	51.9	GEC.1S.240.LC
DCH.91.201.PN	2T	20.1	22.8	129	53.5	GEC.2S.240.LC

● Material: dark grey polyurethane

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

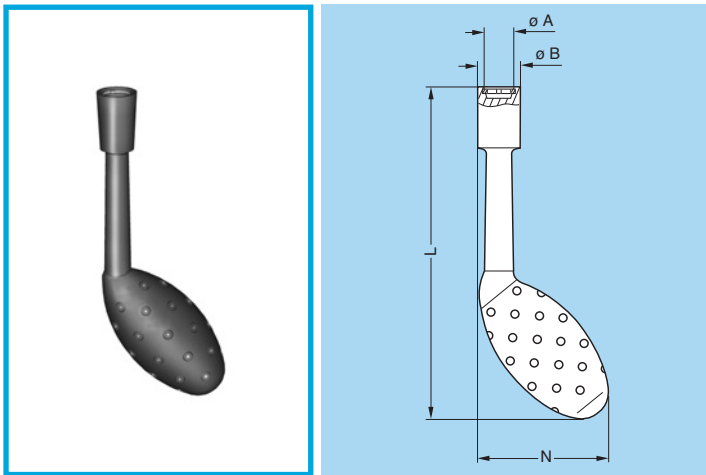
DCP Flat spanners for TT collet nut



Part number	Dimensions (mm)			
	L	M	N	S1
DCP.99.050.TC	78	2	12.6	5.0
DCP.99.055.TC	78	2	12.6	5.5
DCP.99.060.TC	78	2	12.6	6.0

● Material: chrome-plated steel

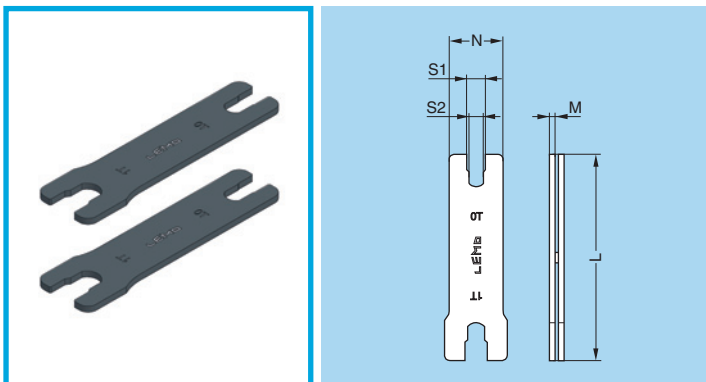
DCH Spanners for notched nuts



Part number	Series	Dimensions (mm)				Part number of the nut
		A	B	L	N	
DCH.91.101.PA	TT	10.1	12.8	124	48.3	GEG.00.240.LC
DCH.91.121.PA	0T	12.1	14.8	124	49.3	GEG.0S.240.LC
DCH.91.161.PA	1T	16.1	21.0	124	51.9	GEG.1S.240.LC
DCH.91.201.PA	2T	20.1	22.8	129	53.5	GEG.2S.240.LC

● Material: blue polyurethane

DCP Set of flat spanners for collet nuts



Part number	Series	Dimensions (mm)				
		L	M	N	S1	S2
DCP.0T.110.TN	0T	95	2.5	21	7.55	7.05
DCP.0T.110.TN	1T	95	2.5	25	11.05	9.05
DCP.2T.110.TN	2T	115	3.0	30	14.05	12.05
DCP.2T.110.TN	3T	115	3.0	35	16.05	14.05

● Material: blackened steel

Crimping tools for electrical contacts

Manual crimping tools

Fig. A

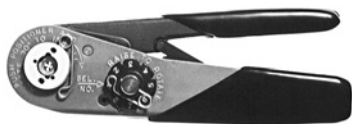
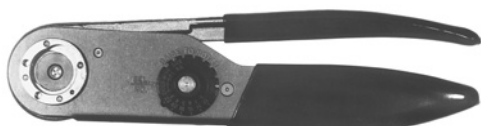


Fig. B



Part number			Supplier
contact \varnothing 0.5-0.7 0.9-1.3 (Fig. A)	contact \varnothing 1.6-2.0 (Fig. B)	contact \varnothing 3.0-4.0 (Fig. B)	
DPC.91.701.V¹⁾	DPC.91.101.A²⁾	DPC.91.102.V	LEMO
MH860¹⁾	AF8²⁾	M300BT	DANIELS
616336¹⁾	615708²⁾	–	ASTRO

¹⁾ According to specification MIL-C-22520/7-01.

²⁾ According to specification MIL-C-22520/1-01.

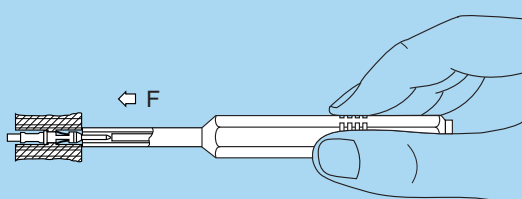
Pneumatic crimping tools



Part number	Supplier
DPC.91.701.C	LEMO
85230	BALMAR
621101	BUCHANAN

According to specification MIL-C-22520/7-01.
For LEMO contacts \varnothing 0.5-0.7-0.9-1.3 mm

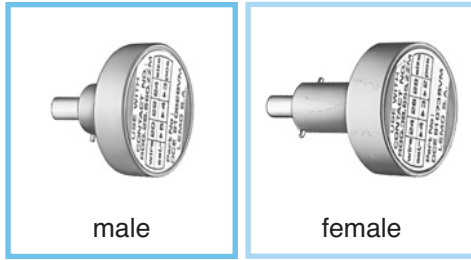
DCK Retention testing tools for crimp contacts 0.5-0.7-0.9 and 1.3 mm diameter



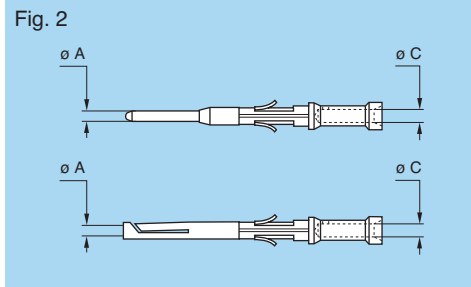
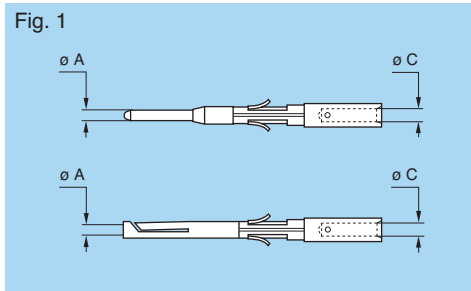
Testing tool part number		Contact \varnothing A	Test force (N)
For male contact	For female contact		
DCK.91.050.8LRC	DCK.91.050.8LRM	0.5	8
DCK.91.071.0LRC	DCK.91.071.0LRM	0.7	10
DCK.91.091.4LRC	DCK.91.091.4LRM	0.9	14
DCK.91.132.5LRC	DCK.91.132.5LRM	1.3	25

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

DCE Positioners for crimp contacts \varnothing 0.5-0.7-0.9 and 1.3 mm



These positioners are suitable for use with both manual and pneumatic crimping tools according to the MIL-C-22520/7-01 standard.



Note: a wide variation of strand number and diameter combinations are quoted as being AWG, some of which do not have a large enough cross section to guarantee a crimp as per either MIL-C-22520/1-01 or /7-01.

Our technical department is at your disposal to study and propose a solution to all your applications.

	Types	\varnothing (mm)			Conductor AWG	Positioners part number		
		A	C	\varnothing		For male contact	For female contact	
TT	302	0.5	0.45	1	28-30-32	DCE.91.050.0VC	DCE.91.050.0VM	
	303	0.5	0.45	1	28-30-32	DCE.91.050.0VC	DCE.91.050.0VM	
	304	0.5	0.45	1	28-30-32	DCE.91.050.0VC	DCE.91.050.0VM	
OT	302/303	0.9	1.10	1	20-22-24	DCE.91.090.BVC	DCE.91.090.BVM	
	302/303	0.9	0.80	2	22-24-26	DCE.91.090.BVC	DCE.91.090.BVM	
	302/303	0.9	0.45	2	28-30-32	DCE.91.090.AVC	DCE.91.090.AVM	
	304/305	0.7	0.80	1	22-24-26	DCE.91.070.BVC	DCE.91.070.BVM	
	304/305	0.7	0.45	2	28-30-32	DCE.91.070.BVC	DCE.91.070.BVM	
	306/307/309	0.5	0.45	1	28-30-32	DCE.91.050.BVC	DCE.91.050.BVM	
1T	302/303	1.3	1.40	1	18-20	DCE.91.131.BVC	DCE.91.131.BVM	
	302/303	1.3	1.10	2	20-22-24	DCE.91.131.BVC	DCE.91.131.BVM	
	304/305	0.9	1.10	1	20-22-24	DCE.91.091.BVC	DCE.91.091.BVM	
	304/305	0.9	0.80	2	22-24-26	DCE.91.091.BVC	DCE.91.091.BVM	
	306/307/308	0.7	0.80	1	22-24-26	DCE.91.071.BVC	DCE.91.071.BVM	
	306/307/308	0.7	0.45	2	28-30-32	DCE.91.071.BVC	DCE.91.071.BVM	
	310/314/316	0.5	0.45	1	28-30-32	DCE.91.051.BVC	DCE.91.051.BVM	
2T	304/305/306/307	1.3	1.40	1	18-20	DCE.91.132.BVC	DCE.91.132.BVM	
	304/305/306/307	1.3	1.10	2	20-22-24	DCE.91.132.BVC	DCE.91.132.BVM	
	304/305/306/307	1.3	0.80	2	22-24-26	DCE.91.132.CVC	DCE.91.132.CVM	
	308/310	0.9	1.10	1	20-22-24	DCE.91.092.BVC	DCE.91.092.BVM	
	308/310	0.9	0.80	2	22-24-26	DCE.91.092.BVC	DCE.91.092.BVM	
	308/310	0.9	0.45	2	28-30-32	DCE.91.092.AVC	DCE.91.092.AVM	
	312/314/316/318/319	0.7	0.80	1	22-24-26	DCE.91.072.BVC	DCE.91.072.BVM	
	312/314/316/318/319	0.7	0.45	2	28-30-32	DCE.91.072.BVC	DCE.91.072.BVM	
	3T	308/309/310	1.3	1.40	1	18-20	DCE.91.133.BVC	DCE.91.133.BVM
		308/309/310	1.3	1.10	2	20-22-24	DCE.91.133.BVC	DCE.91.133.BVM
312/314/316/318		0.9	1.10	1	20-22-24	DCE.91.093.BVC	DCE.91.093.BVM	
312/314/316/318		0.9	0.80	2	22-24-2	DCE.91.093.BVC	DCE.91.093.BVM	
320/322/324/326/330		0.7	0.80	1	22-24-26	DCE.91.073.BVC	DCE.91.073.BVM	
320/322/324/326/330		0.7	0.45	2	28-30-32	DCE.91.073.BVC	DCE.91.073.BVM	

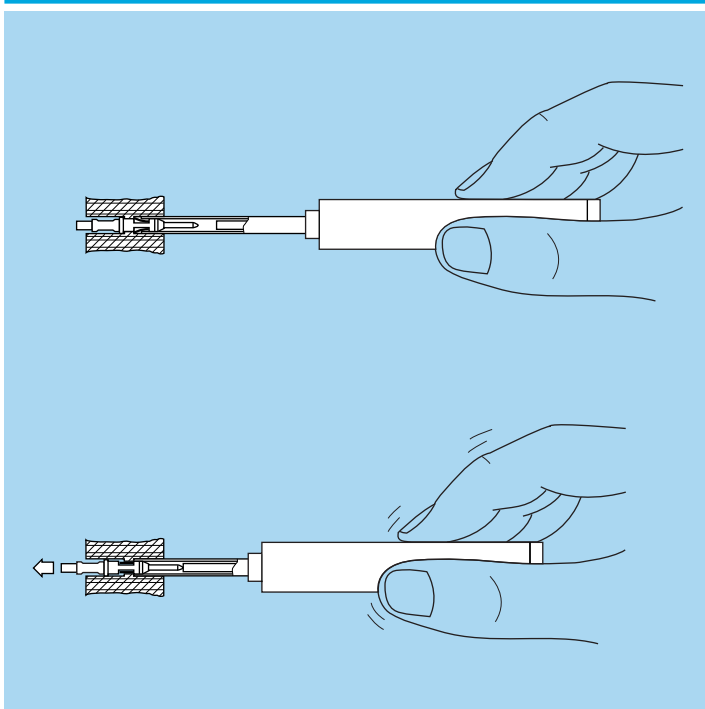
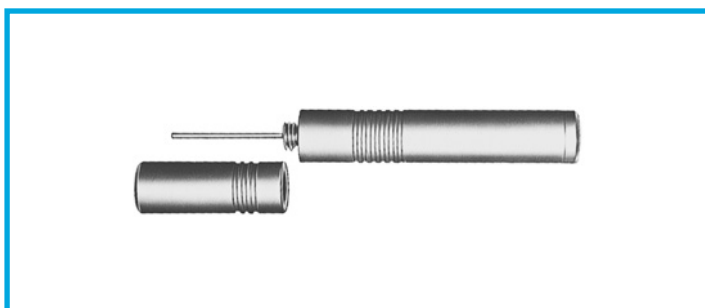
DCE Turret for crimp contacts 1.6-2.0-3.0 and 4.0 mm diameter



Note: these turrets can be used with manual crimping tool according to MIL-C-22520/1-01 standard.

	Types	ø (mm)		L _Ø	Conductor AWG	Positioners part number
		A	C			
2T	302	2.0	2.4	1	12-14-16	DCE.91.202.BVCM
	302	2.0	1.9	2	14-16-18	DCE.91.202.BVCM
	303	1.6	1.9	1	14-16-18	DCE.91.162.BVCM
	303	1.6	1.4	2	18-20-22	DCE.91.162.BVCM
3T	302	3.0	3.2	1	10-12-14	DCE.91.303.BVCM
	303/304/309	2.0	2.4	1	12-14-16	DCE.91.203.BVCM
	303/304/309	2.0	1.9	2	14-16-18	DCE.91.203.BVCM
	305/306/307	1.6	1.9	1	14-16-18	DCE.91.163.BVCM
	305/306/307	1.6	1.4	2	18-20-22	DCE.91.163.BVCM

DCF Automatic extraction tools for crimp contacts

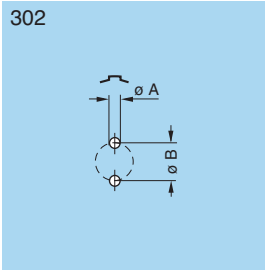


	Types	Contact ø A (mm)	Extractors part number for male and female contacts
TT	302	0.5	DCF.91.050.2LT
	303	0.5	DCF.91.050.2LT
	304	0.5	DCF.91.050.2LT
0T	302/303	0.9	DCF.91.090.2LT
	304/305	0.7	DCF.92.070.3LT
	306/307/309	0.5	DCF.91.050.2LT
1T	302/303	1.3	DCF.91.131.2LT
	304/305	0.9	DCF.91.090.2LT
	306/307/308	0.7	DCF.91.070.2LT
	310/314/316	0.5	DCF.91.050.2LT
2T	302	2.0	DCC.91.202.5LA¹⁾
	303	1.6	DCF.91.162.2LT
	304/305/306/307	1.3	DCF.91.131.2LT
	308/310	0.9	DCF.91.090.2LT
	312/314/316/318/319	0.7	DCF.91.070.2LT
3T	302	3.0	DCF.91.303.5LT
	303/304/309	2.0	DCC.91.202.5LA¹⁾
	305/306/307	1.6	DCF.91.163.5LT
	308/309/310	1.3	DCF.91.133.5LT
	312/314/316/318	0.9	DCF.91.093.5LT
	320/322/324/326/330	0.7	DCF.91.073.5LT

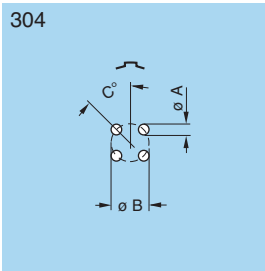
Note: ¹⁾ this model is thumb-operated.

PCB drilling pattern

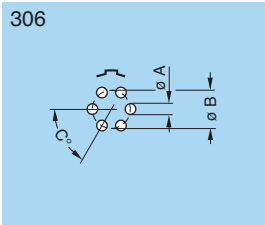
Fixed socket with straight print contact



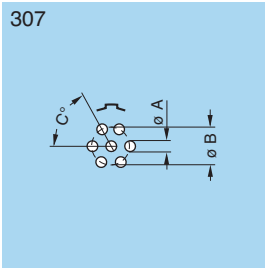
Series	Dimensions	
	A	B
0T	0.8	2.2
1T	0.8	2.8
2T	0.8	4.4



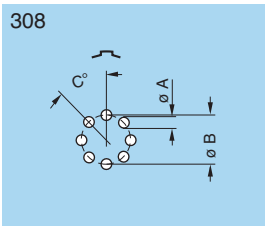
Series	Dimensions		
	A	B	C
0T	0.6	2.5	45°
1T	0.8	3.1	45°
2T	0.8	5.0	45°
3T	0.8	6.2	45°



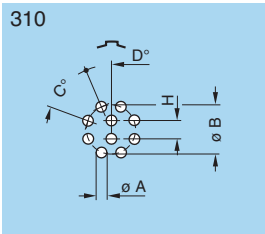
Series	Dimensions		
	A	B	C
0T	0.6	3.0	60°
1T	0.8	3.7	60°



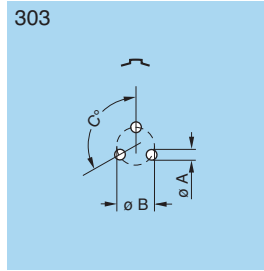
Series	Dimensions		
	A	B	C
0T	0.6	3.00	60°
1T	0.8	3.70	60°
2T	0.8	5.80	60°
3T	0.8	7.08	60°



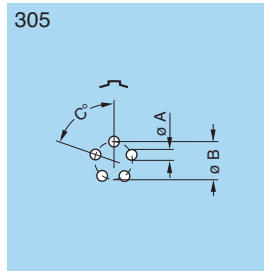
Series	Dimensions		
	A	B	C
2T	0.8	6.4	45°
3T	0.8	7.5	45°



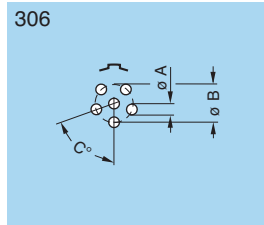
Series	Dimensions				
	A	B	C	D	H
1T	0.6	3.95	45°	22°30'	1.40
2T	0.8	6.30	45°	22°30'	2.15
3T	0.8	7.90	45°	22°30'	2.80



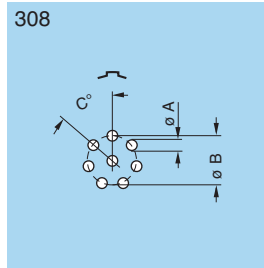
Series	Dimensions		
	A	B	C
0T	0.8	2.3	120°
1T	0.8	3.0	120°
2T	0.8	4.6	120°
3T	0.8	5.6	120°



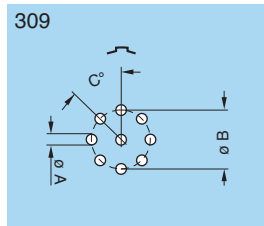
Series	Dimensions		
	A	B	C
0T	0.6	2.8	72°
1T	0.8	3.4	72°
2T	0.8	5.2	72°
3T	0.8	6.7	72°



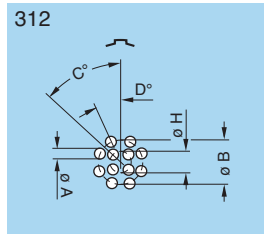
Series	Dimensions		
	A	B	C
2T	0.8	5.6	72°
3T	0.8	7.1	72°



Series	Dimensions		
	A	B	C
1T	0.8	3.8	51°26'



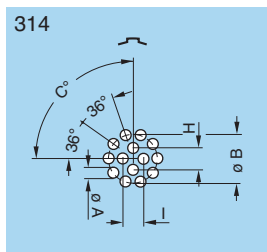
Series	Dimensions		
	A	B	C
0T	0.6	3.2	45°
3T	0.8	7.5	45°



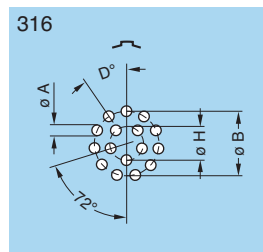
Series	Dimensions				
	A	B	C	D	H
2T	0.8	6.50	45°	22°30'	2.80
3T	0.8	8.20	45°	22°30'	3.40

Note: all views are from the side of the socket.

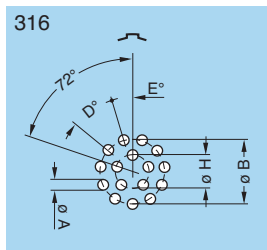
DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.



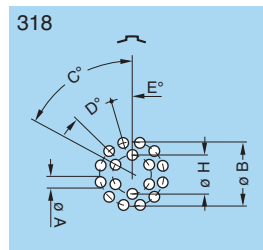
Series	Dimensions				
	A	B	C	H	I
1T	0.6	4.4	90°	1.90	1.80
2T	0.8	6.5	90°	2.65	2.65
3T	0.8	8.2	90°	3.40	3.40



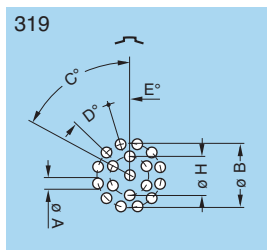
Series	Dimensions			
	A	B	D	H
1T	0.6	4.4	32°44'	2.0



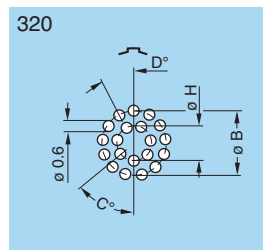
Series	Dimensions				
	A	B	D	E	H
2T	0.8	6.6	32°44'	16°22'	3.10
3T	0.8	8.4	32°44'	16°22'	3.86



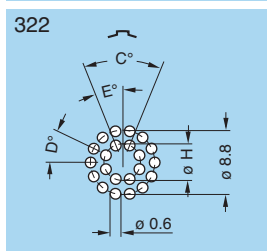
Series	Dimensions					
	A	B	C	D	E	H
2T	0.8	6.7	60°	30°	15°	3.50
3T	0.8	8.4	60°	30°	15°	4.34



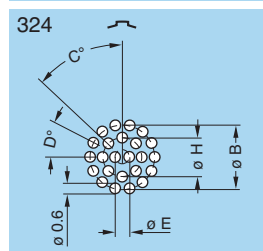
Series	Dimensions					
	A	B	C	D	E	H
2T	0.8	6.7	60°	30°	15°	3.5



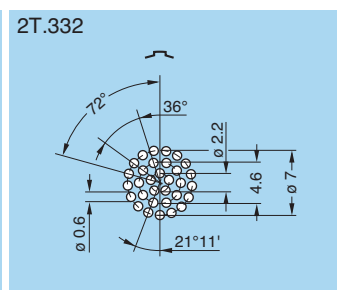
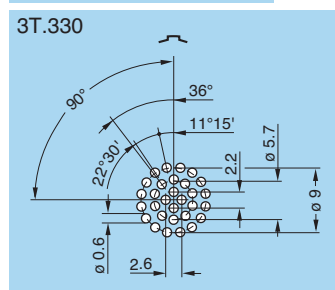
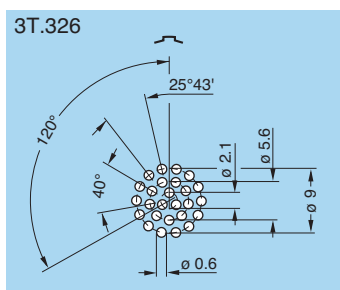
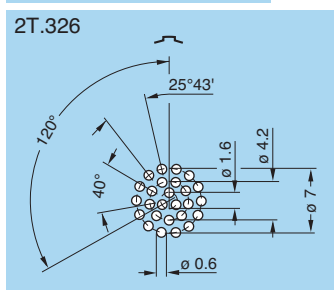
Series	Dimensions			
	B	C	D	H
3T	8.62	51°26'	27°42'	4.78



Series	Dimensions			
	C	D	E	H
3T	45°	25°43'	22°30'	5



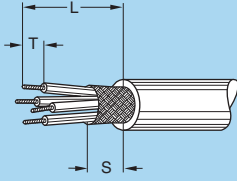
Series	Dimensions				
	B	C	D	E	H
3T	8.8	45°	25°43'	1.8	5.30



Note: all views are from the side of the socket.

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

Cable assembly



	Reference	ø contact (mm)	Cable stripping lengths (mm)					
			Solder			Crimp		
			L	S	T	L	S	T
TT	302	0.5	8.0	4	2.5	11.0	4	3.0
	303	0.5	8.0	4	2.5	11.0	4	3.0
	304	0.5	8.0	4	2.5	11.0	4	3.0
0T	302/303	0.9	9.0	5	4.0	9.0	5	4.0
	304/305	0.7	8.0	5	3.5	9.0	5	4.0
	306/307/309	0.5	7.0	5	2.5			
	312	0.35	7.0	5	2.5			
1T	302/303	1.3	10.5	7	3.5	14.5	7	4.0
	304/305	0.9	10.5	7	3.0	14.5	7	4.0
	306/307/308	0.7	10.5	7	3.0	14.5	7	4.0
	310/314/316	0.5	13.0	7	2.5			
2T	302	2.0	16.5	8	4.0	19.5	8	5.5
	303	1.6	16.5	8	3.5	19.5	8	5.5
	304/305/306/307	1.3	15.5	8	3.5	17.5	8	4.0
	308/310	0.9	14.5	8	3.0	17.5	8	4.0
	312/314/316/318/319	0.7	14.5	8	3.0	17.5	8	4.0
	326/332	0.5	14.5	8	2.5			
3T	302	3.0	19.0	10	4.5	23.0	10	5.5
	303/304	2.0	18.0	10	4.0	22.0	10	5.5
	305/306/307	1.6	18.0	10	3.5	22.0	10	5.5
	308/310	1.3	17.0	10	3.5	20.0	10	4.0
	309	1.3 2.0	17.0	10	3.5 4.0	20.0	10	4.0 5.5
	312/314/316/318	0.9	16.0	10	3.0	20.0	10	4.0
	320/322/324/326/330	0.7	16.0	10	3.0	20.0	10	4.0

Product safety notice

PLEASE READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY AND CONSULT ALL RELEVANT NATIONAL AND INTERNATIONAL SAFETY REGULATIONS FOR YOUR APPLICATION. IMPROPER HANDLING, CABLE ASSEMBLY, OR WRONG USE OF CONNECTORS CAN RESULT IN HAZARDOUS SITUATIONS.

1. SHOCK AND FIRE HAZARD

Incorrect wiring, the use of damaged components, presence of foreign objects (such as metal debris), and / or residue (such as cleaning fluids), can result in short circuits, overheating, and / or risk of electric shock. Mated components should never be disconnected while live as this may result in an exposed electric arc and local overheating, resulting in possible damage to components.

2. HANDLING

Connectors and their components should be visually inspected for damage prior to installation and assembly. Suspect components should be rejected or returned to the factory for verification. Connector assembly and installation should only be carried out by properly trained personnel. Proper tools must be used during installation and / or assembly in order to obtain safe and reliable performance.



3. USE

Connectors with exposed contacts should never be live (or on the current supply side of a circuit). Under general conditions voltages above 30 VAC and 42 VDC are considered hazardous and proper measures should be taken to eliminate all risk of transmission of such voltages to any exposed metal part of the connector.

4. TEST AND OPERATING VOLTAGES

The maximum admissible operating voltage depends upon the national or international standards in force for the application in question. Air and creepage distances impact the operating voltage; reference values are indicated in the catalog however these may be influenced by PC board design and / or wiring harnesses. The test voltage indicated in the catalog is 75% of the mean breakdown voltage; the test is applied at 500 V/s and the test duration is 1 minute.

5. CE MARKING

CE marking  means that the appliance or equipment bearing it complies with the protection requirements of one or several European safety directives. CE marking  applies to complete products or equipment, **but not to electromechanical components, such as connectors.**

6. PRODUCT IMPROVEMENTS

The LEMO Group reserves the right to modify and improve to our products or specifications without providing prior notification.

Data subject to change

No reproduction or use without express permission of editorial or pictorial content, in any manner. LEMO reserve the right at all times to modify and improve specifications without any notification.

DISCLAIMER The information contained within this catalog and the functions offered are intended to provide information about products. All reasonable efforts have been made to ensure the accuracy of the information. However, LEMO cannot be held responsible for any errors. LEMO does not warrant the accuracy and reserves the right to make changes to the catalog and its functions at any time without notice.

LEMO HEADQUARTERS

SWITZERLAND

LEMO SA

Chemin des Champs-Courbes 28 - P.O. Box 194 - CH-1024 Ecublens
Tel. (+41 21) 695 16 00 - Fax (+41 21) 695 16 02 - e-mail: info@lemo.com

LEMO SUBSIDIARIES

AUSTRIA

LEMO Elektronik GesmbH

Lemböckgasse 49/E6-3
1230 Wien
Tel: (+43 1) 914 23 20 0
Fax: (+43 1) 914 23 20 11
sales@lemo.at

CANADA

LEMO Canada Inc

44 East Beaver Creek Road, unit 20
Richmond Hill, Ontario L4B 1G8
Tel: (+1 905) 889 56 78
Fax: (+1 905) 889 49 70
info-canada@lemo.com

CHINA / HONG KONG

LEMO Electronics (Shanghai) Co., Ltd

5th Floor, Block 6, City of ELITE,
1000 Jinhai Road, Pudong
Shanghai, China 201206
Tel: (+86 21) 5899 7721
Fax: (+86 21) 5899 7727
cn.sales@lemo.com

DENMARK

LEMO Denmark A/S

Gammel Mosevej 46
2820 Gentofte
Tel: (+45) 45 20 44 00
Fax: (+45) 45 20 44 01
info-dk@lemo.com

FRANCE

LEMO France Sàrl

24/28 Avenue Graham Bell
Bâtiment Balthus 4
Bussy Saint Georges
77607 Marne la Vallée Cedex 3
Tel: (+33 1) 60 94 60 94
Fax: (+33 1) 60 94 60 90
info-fr@lemo.com

GERMANY

LEMO Elektronik GmbH

Hanns-Schwindt-Str. 6
81829 München
Tel: (+49 89) 42 77 03
Fax: (+49 89) 420 21 92
info@lemo.de

HUNGARY

REDEL Elektronika Kft

Nagysándor József u. 6-12
1201 Budapest
Tel: (+36 1) 421 47 10
Fax: (+36 1) 421 47 57
info-hu@lemo.com

ITALY

LEMO Italia srl

Viale Lunigiana 25
20125 Milano
Tel: (+39 02) 66 71 10 46
Fax: (+39 02) 66 71 10 66
sales.it@lemo.com

JAPAN

LEMO Japan Ltd

2-7-22, Mita,
Minato-ku, Tokyo, 108-0073
Tel: (+81 3) 54 46 55 10
Fax: (+81 3) 54 46 55 11
lemoinfo@lemo.co.jp

NETHERLANDS / BELGIUM

LEMO Connectors Benelux

De Trompet 1060
1967 DA Heemskerk
Tel. (+31) 251 25 78 20
Fax (+31) 251 25 78 21
info@lemo.nl

NORWAY / ICELAND

LEMO Norway A/S

Stanseveien 6B
0975 Oslo
Tel: (+47) 22 91 70 40
Fax: (+47) 22 91 70 41
info-no@lemo.com

SINGAPORE

LEMO Asia Pte Ltd

4 Leng Kee Road,
#06-09 SiS Building
Singapore 159088
Tel: (+65) 6476 0672
Fax: (+65) 6474 0672
sg.sales@lemo.com

SPAIN / PORTUGAL

IBERLEMO SAU

Brasil, 45, 08402 Granollers
Barcelona
Tel: (+34 93) 860 44 20
Fax: (+34 93) 879 10 77
info-es@lemo.com

SWEDEN / FINLAND

LEMO Nordic AB

Mariehällsvägen 39A
168 65 Bromma
Tel: (+46 8) 635 60 60
Fax: (+46 8) 635 60 61
info-se@lemo.com

SWITZERLAND

LEMO Verkauf AG

Grundstrasse 22 B
6343 Rotkreuz
Tel: (+41 41) 790 49 40
Fax: (+41 41) 790 49 43
ch.sales@lemo.com

UNITED KINGDOM

LEMO UK Ltd

12-20 North Street
Worthing, West Sussex,
BN11 1DU
Tel: (+44 1903) 23 45 43
Fax: (+44 1903) 20 62 31
lemouk@lemo.com

USA

LEMO USA Inc

P.O. Box 2408
Rohnert Park, CA 94927-2408
Tel: (+1 707) 578 88 11
(+1 800) 444 53 66
Fax: (+1 707) 578 08 69
info-US@lemo.com

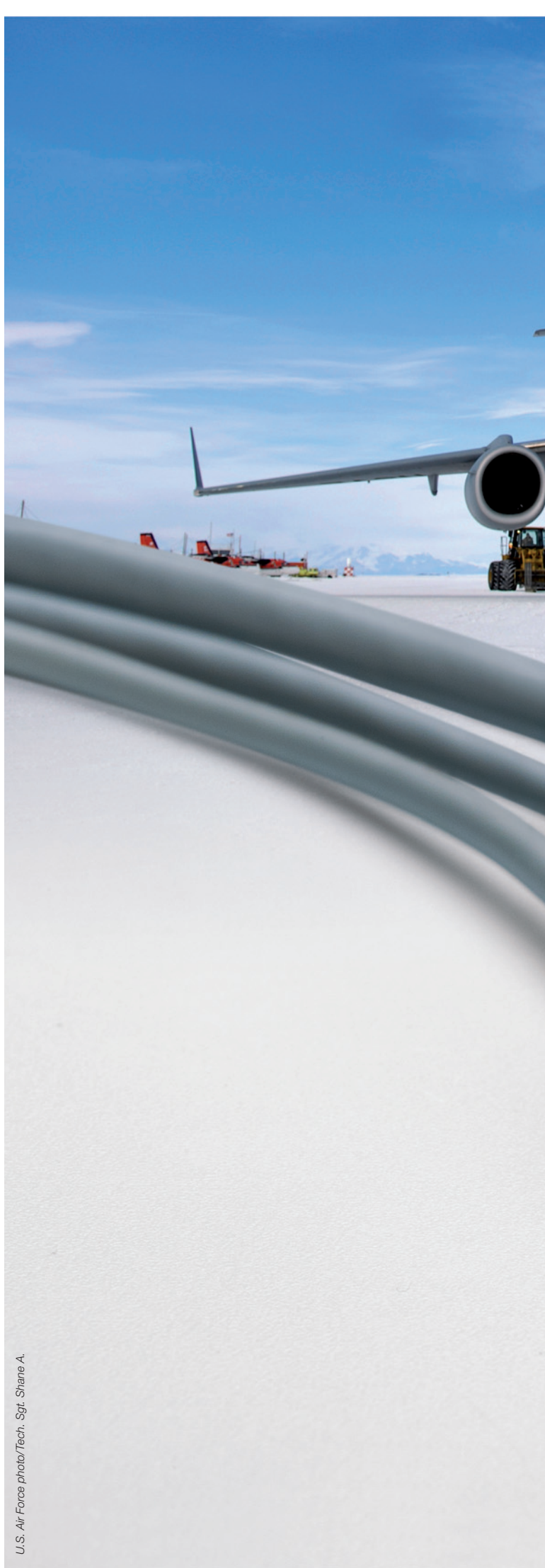
LEMO DISTRIBUTORS

AUSTRALIA, BRAZIL, CHILE, CZECH REPUBLIC, GREECE, INDIA, ISRAEL,
NEW ZEALAND, PAKISTAN, POLAND, RUSSIA, SOUTH AFRICA,
SOUTH KOREA, TAIWAN, TURKEY, UKRAINE

www.lemo.com

© CAT.MT.LEN.P0115, updated June 2015

U.S. Air Force photo/Tech. Sgt. Shane A.



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [lemo manufacturer](#):

Other Similar products are found below :

[FGG.1K.304.CYCC60Z](#) [EXG.00.250.NTNY](#) [FAG.00.303.CLA](#) [FDG.1B.310.CLAD62](#) [FFA.0S.250.CTAC27Z](#) [FFA.1E.302.CLAC65Z](#)
[FFA.1S.120.CTAC62Z](#) [FFA.1S.303.CLAC66](#) [FFA.2S.308.CLAC87](#) [FFA.2S.310.CLAC62Z](#) [FFA.2S.310.ZLA](#) [FFB.0S.250.CTAC32](#)
[FGA.1B.308.CLAD62](#) [FGG.0B.302.CLAD35Z](#) [FGG.0B.303.YL](#) [FGG.1B.306.CLAD72Z](#) [FGG.1B.306.CLAD76Z](#) [FGG.1B.308.CYCD76](#)
[FGG.1B.310.CLAD52Z](#) [FGG.1K.304.CLAC40](#) [FGG.1K.306.CLAC55Z](#) [FGG.1K.310.CLAC65](#) [FGG.2B.303.CLAD92Z](#)
[FGG.2B.304.CLAD52Z](#) [FGG.2B.304.CLAD62Z](#) [FGG.2B.306.CLAD92Z](#) [FGG.2B.306.CYCD82](#) [FGG.2B.312.CLAD72Z](#)
[FGG.2B.312.CYCD72Z](#) [FGG.2B.316.CLAD42Z](#) [FGG.2B.316.CYCD92Z](#) [FGG.2K.310.CYCC85](#) [FGG.2K.316.CYCK10](#)
[FGG.3B.307.CLAD92Z](#) [FGG.3B.324.CLAD92Z](#) [FGN.1F.308.XLCS](#) [FGN.3F.322.CLC](#) [FGT.3F.330.XLM](#) [FHG.1B.306.CLAD76Z](#)
[FHG.2B.306.CLAD62](#) [FHG.2B.316.CLAD72Z](#) [FLS.00.250.NTAE56](#) [PFG.2B.318.CYMD92](#) [PHG.0B.302.CLLD31Z](#) [PHG.0B.303.CLLD35](#)
[PHG.0B.309.CLLD56Z](#) [PHG.0K.305.CYMC40Z](#) [PHG.0T.305.CLLC50Z](#) [PHG.1B.303.CLLD62Z](#) [PHJ.0B.305.CLAD52](#)