







Precision modular connectors to suit your application

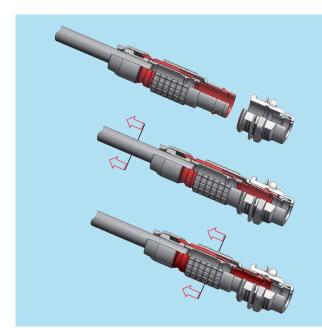
Since its creation in Switzerland in 1946 the LEMO Group has been recognized as a global leader of circular Push-Pull connectors and connector solutions. Today LEMO and its affiliated companies, REDEL and COELVER, are active in more than 80 countries with the help of over 40 subsidiaries and distributors.

Over 75000 connectors

The modular design of the LEMO range provides over 75000 connectors from miniature Ø 3 mm to Ø 50 mm, capable of handling cable diameters up to 30 mm and for up to 114 contacts. This vast portfolio enables you to select the ideal connector configuration to suit almost any specific requirement in most markets, including medical devices, test and measurement instruments, machinery, audio video broadcast, telecommunications and military.

LEMO's Push-Pull Self-Latching Connection System

This self-latching system is renowned worldwide for its easy and quick mating and unmating features. It provides absolute security against vibration, shock or pull on the cable, and facilitates operation in a very limited space.



The LEMO self-latching system allows the connector to be mated by simply pushing the plug axially into the socket.

Once firmly latched, connection cannot be broken by pulling on the cable or any other component part other than the outer release sleeve.

When required, the connector is disengaged by a single axial pull on the outer release sleeve. This first disengages the latches and then withdraws the plug from the socket.

UL Recognition 🔁

LEMO connectors are recognized by the Underwriters Laboratories (UL). The approval of the complete system (LEMO connector, cable and your equipment) will be easier because LEMO connectors are recognized.

CE marking C€

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

RoHS

LEMO connector specifications conforms the requirements of the RoHS directive (2011/65/EU) of the European Parliament and the latest amendments. This directive specifies the restrictions of the use of hazardous substances in electrical and electronic equipment marketed in Europe.

Product safety notice & disclaimers

Please read and follow all instructions specified on the last page or on our <u>website</u> carefully and consult all relevent national and international safety regulations for your application. Improper handling, cable assembly, or wrong use of connectors can result in hazardous situations.

LEMO products and services are provided "as is." LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security.

In no event shall LEMO be liable for any direct, indirect, punitive, incidental, special consequential damages, to property or life, whatsoever arising out of or connected with the use or misuse of LEMO's products.

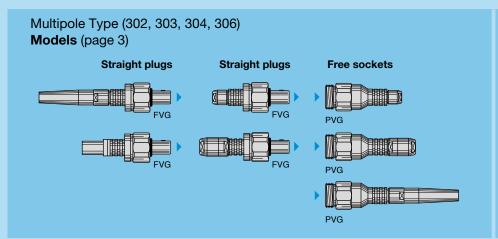


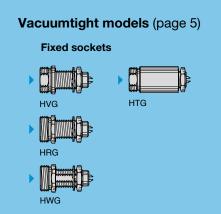
03 Series

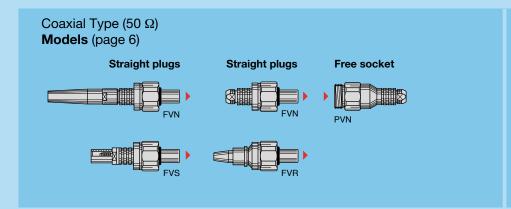
This series of connectors stems from the series 00 and has been specifically developed for applications where the connection must be guaranteed under very high pressure. The push-pull latching system has been replaced by a screw coupling system with watertightness maintained by compression of an O-ring in FPM (Viton®) according to the triangular shaped cavity principle. There are multiple application possibilities, from aerospace to the petroleum industry.

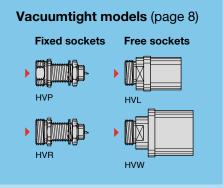
After cable assembly, the rear part must be covered with an adhesive heatshrink boot in order to ensure watertightness on the cable side. 03 series connectors provide the following main features:

- coaxial 50 Ω type
- multipole with 2, 3, 4 or 6 contacts
- 360° screening for full EMC shielding
- rugged housing for extreme working conditionsworking pressure that can exceed 60 bars in mated conditions



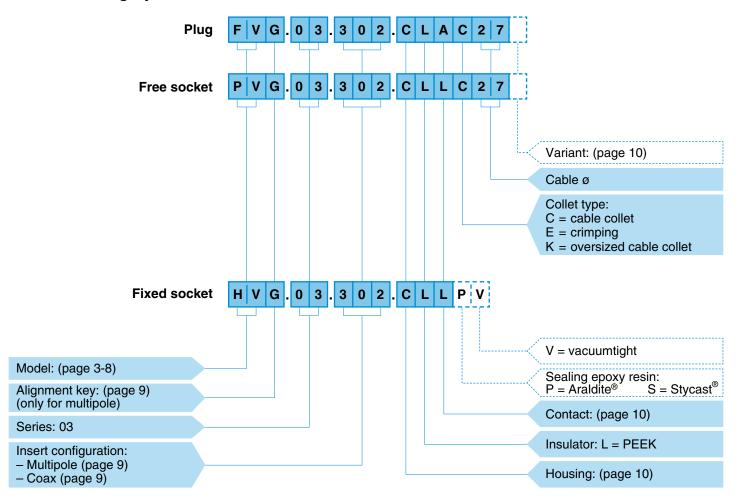








Part Numbering System

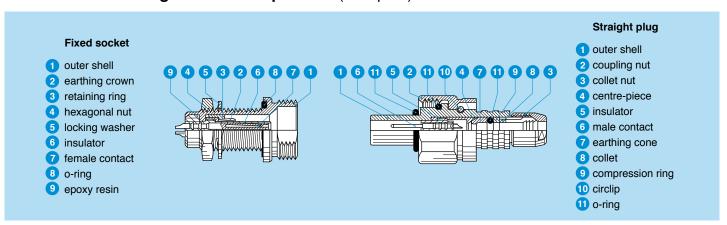


FVG.03.302.CLAC27 = straight plug with key (G) and cable collet, 03 series, multipole type with 2 contacts, outer shell in chrome-plated brass, PEEK insulator, male solder contacts, C type collet for 2.7 mm diameter cable.

PVG.03.302.CLLC27 = free socket with key (G) and cable collet, 03 series, multipole type with 2 contacts, outer shell in chrome-plated brass, PEEK insulator, female solder contacts, C type collet for 2.7 mm diameter cable.

HVG.03.302.CLLPV = fixed socket, nut fixing, with key (G), 03 series, multipole type with 2 contacts, outer shell in chrome-plated brass, PEEK insulator, female solder contacts, sealed with Araldite® epoxy resin.

Part Section Showing Internal Components (multipole)





Models (multipole type)

Technical Characteristics

Mechanical and Climatical

Characteristics	Value	Standard
Endurance	> 1000 cycles	IEC 60512-5 test 9a
Humidity	up to 95% at 60° C	
Temperature range	-20° C, +200° C	
Salt spray corrosion test 5)	> 1000 h	IEC 60512-6 test 11f
Protection index 2)	> IP68	IEC 60529
Resistance to hydrostatic pressure ²⁾	~ 60 bars 1)	IEC 60512-7 test 14d
Climatical category	20/200/21	IEC 60068-1

Note:

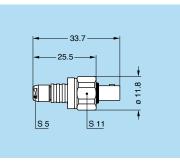
Electrical

Characte	eristics	Value	Standard	Section
Insulation resista	ance (new)	$> 10^{12} \Omega$	IEC 60512-2	test 3a
Insulation resista	ance ³⁾	$> 10^{10} \Omega$	IEC 60512-2	test 3a
Shell electrical c	ontinuity	5.0 mΩ	IEC 60512-2	test 2f
Shielding	at 10 MHz	> 100 dB	IEC 60169-1-3	
efficiency	at 1 GHz	> 80 dB	IEC 60169-1-3	
Contact	ø A = 0.5 mm	≤ 8.7 mΩ	IEC 60512-2	test 2a
resistance 4)	ø A = 0.7 mm	≤ 6.1 mΩ	IEC 60512-2	test 2a

Note:

FVG Straight plug, key (G) or key (B), cable collet



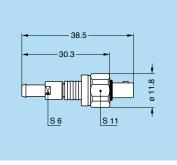


Doub woude on	Cable ø (mm)		
Part number	min.	max.	
FVG.03.30 • . CLAC17	1.5	1.7	
FVG.03.30 • .CLAC20	1.8	2.0	
FVG.03.30 • . CLAC23	2.1	2.3	
FVG.03.30•.CLAC27	2.4	2.6	
FVG.03.30 • . CLAC31	2.7	3.0	

Note: • = insert configuration (page 9)

FVG Straight plug, key (G) or key (B), cable collet and nut for fitting a bend relief



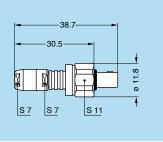


David version and	Cable ø (mm)		
Part number	min.	max.	
FVG.03.30•.CLAC17Z	1.5	1.7	
FVG.03.30•.CLAC20Z	1.8	2.0	
FVG.03.30•.CLAC23Z	2.1	2.3	
FVG.03.30•.CLAC27Z	2.4	2.6	
FVG.03.30•.CLAC31Z	2.7	3.0	

Note: ● = insert configuration (page 9).
The bend relief must be ordered separately (page 10)

FVG Straight plug, key (G) or key (B) and oversize cable collet





	Cable ø (mm)	
Part number	min.	max.
FVG.03.30 • . CLAK35	3.1	3.5
FVG.03.30 • . CLAK40	3.6	4.0
FVG.03.30 • . CLAK45	4.1	4.5
FVG.03.30 • . CLAK50	4.6	5.0

Note: ● = insert configuration (page 9)
Correspond to K type of collet. Also available with nut for fitting a bend relief.

www.lemo.com Correspond to K type of collet. Also available with nut for fitting a bend relief

in order to perform correctly and withstand the pressure, cable assembly shall be made according to instruction we recommand. See page 12.
 For mated plug and socket.

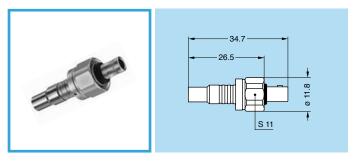
³⁾ after humidity test: 21 days at 95% RH according to IEC 60068-2.

⁴⁾ after 5000 mating cycles and the salt spray test according to IEC 60512-6 test 11 f.

⁵⁾ for chrome plated product (« C» material code).



FVG Straight plug, key (G) for cable crimping

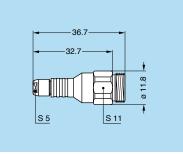


Part number	Cable ø (mm)
rait number	max.
FVG.03.30•.CLAE44	4.3
FVG.03.30 • . CLAE52	5.1

Note: • = insert configuration (page 9)

PVG Free socket, key (G) and cable collet



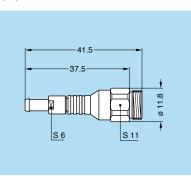


David version and	Cable ø (mm)	
Part number	min.	max.
PVG.03.30 • . CLLC17	1.5	1.7
PVG.03.30 • . CLLC20	1.8	2.0
PVG.03.30•.CLLC23	2.1	2.3
PVG.03.30 • . CLLC27	2.4	2.6
PVG.03.30 • . CLLC31	2.7	3.0

Note: • = insert configuration (page 9)

PVG Free socket, key (G), cable collet and nut for fitting a bend relief



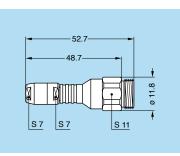


Part number	Cable ø (mm)	
Fait number	min.	max.
PVG.03.30•.CLLC17Z	1.5	1.7
PVG.03.30•.CLLC20Z	1.8	2.0
PVG.03.30•.CLLC23Z	2.1	2.3
PVG.03.30 • . CLLC27Z	2.4	2.6
PVG.03.30 • . CLLC31Z	2.7	3.0

Note: ● = insert configuration (page 9).
The bend relief must be ordered separately (page 10)

PVG Free socket, key (G) and oversize cable collet





Part number	Cable ø (mm)		
Part Humber	min.	max.	
PVG.03.30 • . CLLK35	3.1	3.5	
PVG.03.30 • . CLLK40	3.6	4.0	
PVG.03.30 • . CLLK45	4.1	4.5	
PVG.03.30 • . CLLK50	4.6	5.0	

Note: ● = insert configuration (page 9)
Correspond to K type of collet. Also available with nut for fitting a bend relief.





Vacuumtight models (multipole type)

These sockets models allow the device on which they are fitted to reach a protection index of IP68 as per IEC 60529. They are fully compatible with plugs of the same series and are widely used for portable radios, military, laboratory equipment,

These models are identified by a letter «P» or «S» at the last but one character of the reference. The Stycast[®] sealant can be used over a larger temperature range than the Araldite[®] sealant.

Vaccumtight models are identified by an additional letter «V» at the end of the part number (certificate on request). Epoxy

resin is used to seal these models.

Technical Characteristics

Mechanical and Climatical

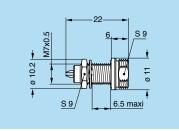
Characteristics	Value	Standard
Endurance	> 1000 cycles	IEC 60512-5 test 9a
Humidity	up to 95% at 60° C	
Temperature range	-20° C, +100° C	
Salt spray corrosion test 3)	> 1000 h	IEC 60512-6 test 11f

Characteristics	Value	Standard
Climatical category	20/80/21	IEC 60068-1
Leakage rate (He) 1)	< 10 ⁻⁷ mbar.l.s ⁻¹	IEC 60512-7 test 14b
Max. operating pressure 2)	60 bars	IEC 60512-7 test 14d

Note:

HVG Fixed socket, key (G) or key (B), round flange, nut fixing, vacuumtight





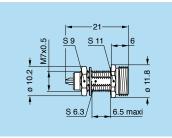
Part number	Sealing resin
HVG.03.30●.CLLPV	Araldite [®]
HVG.03.30●.CLLSV	Stycast®

Panel cut-out (page 12)

Note: • = insert configuration (page 9)

HWG Fixed socket, key (G), hexagonal flange, nut fixing, vacuumtight





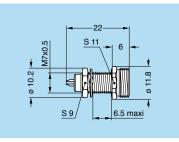
Part number	Sealing resin
HWG.03.30●.CLLPV	Araldite [®]
HWG.03.30e.CLLSV	Stycast [®]

Panel cut-out (page 12)

Note: • = insert configuration (page 9)

HRG Fixed socket, key (G), hexagonal flange, nut fixing, no flats on fixing thread, vacuumtight





Part number	Sealing resin
HRG.03.30●.CLLPV	Araldite [®]
HRG.03.30 • .CLLSV	Stycast®

Panel cut-out (page 12)

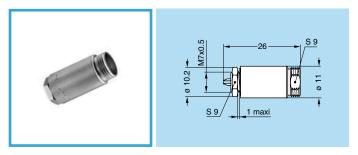
Note: • = insert configuration (page 9)

 ¹⁾ only for vacuumtight models.
 2) this value corresponds to the maximum allowed pressure difference for the assembled socket.

³⁾ for chrome plated product («C» material code).



Fixed socket, key (G), nut fixing, long shell



Part number	Sealing resin
HTG.03.30●.CLLSV	Stycast®

Panel cut-out (page 12)

Note: • = insert configuration (page 9)



Models (coaxial type)

Technical Characteristics

Mechanical and Climatical

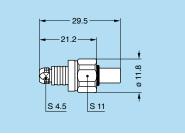
Characteristics	Value	Standard
Endurance	> 1000 cycles	IEC 60512-5 test 9a
Humidity	up to 95% at 60° C	
Temperature range	-20° C, +200° C	
Salt spray corrosion test 5)	> 1000 h	IEC 60512-6 test 11f
Protection index ²⁾	> IP68	IEC 60529
Resistance to hydrostatic pressure ²⁾	~ 60 bars 1)	IEC 60512-7 test 14d
Climatical category	20/200/21	IEC 60068-1

Electrical

Characte	eristics	Value	Standard	Section
Insulation resista	ance (new)	$> 10^{12} \Omega$	IEC 60512-2	test 3a
Insulation resista	nce ³⁾	$> 10^{10} \Omega$	IEC 60512-2	test 3a
Shell electrical co	ontinuity	5.0 mΩ	IEC 60512-2	test 2f
Shielding	at 10 MHz	> 100 dB	IEC 60169-1-3	
efficiency	at 1 GHz	> 80 dB	IEC 60169-1-3	
Contact	ø A = 0.5 mm	≤ 8.7 mΩ	IEC 60512-2	test 2a
resistance 4)	ø A = 0.7 mm	≤ 6.1 mΩ	IEC 60512-2	test 2a
Max. working fre	quency	500 MHz	For coaxial type	

Straight plug, cable collet **FVN**



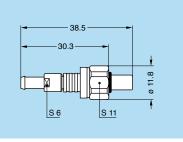


Part number	Cable group
FVN.03.250.CLAC27	4
FVN.03.250.CLAC31	3

Cable assembly (page 12)

FVN Straight plug, cable collet and nut for fitting a bend relief





Part number	Cable group
FVN.03.250.CLAC27Z	4
FVN.03.250.CLAC31Z	3

Note: ● = insert configuration (page 9).
The bend relief must be ordered separately (page 10)

Note:

1) in order to perform correctly and withstand the pressure, cable assembly shall be made according to instruction we recommand. See page 12.

2) for mated plug and socket.

3) after humidity test: 21 days at 95% RH according to IEC 60068-2.

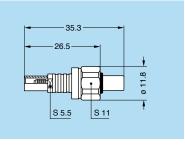
Note:⁴⁾ after 5000 mating cycles and the salt spray test according to IEC 60512-6 test 11 f.

⁵⁾ for chrome plated product («C» material code).



FVS Straight plug for cable crimping



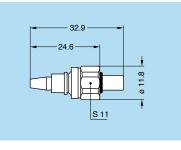


Part number Cable g	
FVS.03.250.CLAE24	1
FVS.03.250.CLCE24	1
FVS.03.250.CLCE31	3-4

Cable assembly (page 12)

FVR Straight plug with brazing ferrule





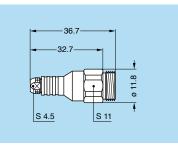
Part number	Cable ø (mm)
ran number	max.
FVR.03.250.SLAV16B	1.55
FVR.03.250.SLAV20B	1.95

Cable assembly (page 12)

Note: The shell of the connector is in stainless steel AISI 316L.

PVN Free socket and cable collet





Part number	Cable group
PVN.03.250.CLLC27	4
PVN.03.250.CLLC31	3

Cable assembly (page 12)

Note: Also available with nut for fitting a bend relief (page 10).





Vacuumtight models (coaxial type)

These sockets models allow the device on which they are fitted to reach a protection index of IP68 as per IEC 60529. They are fully compatible with plugs of the same series and are widely used for portable radios, military, laboratory equipment,

These models are identified by a letter «P» or «S» at the last but one character of the reference. The Stycast® sealant can be used over a larger temperature range than the Araldite® sealant.

All these models are available in a watertight or vacuumtight version. Vaccumtight models are identified by an additional

letter «V» at the end of the part number (certificate on request). Epoxy resin is used to seal these models.

Technical Characteristics

Mechanical and Climatical

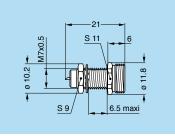
Characteristics	Value	Standard	
Endurance	> 1000 cycles	IEC 60512-5 test 9a	
Humidity	up to 95% at 60° C		
Temperature range	-20° C, +100° C		
Salt spray corrosion test 3)	> 1000 h	IEC 60512-6 test 11f	

Characteristics	Value	Standard
Climatical category	20/80/21	IEC 60068-1
Leakage rate (He) 1)	< 10 ⁻⁷ mbar.l.s ⁻¹	IEC 60512-7 test 14b
Max. operating pressure 2)	60 bars	IEC 60512-7 test 14d

Note:

Fixed socket, hexagonal flange, nut fixing, vacuumtight HVR



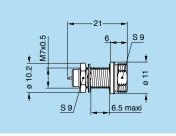


Part number	Sealing resin
HVR.03.250.CLLPV	Araldite®
HVR.03.250.CLLSV	Stycast®

Panel cut-out (page 12)

HVP Fixed socket, round flange, nut fixing, vacuumtight



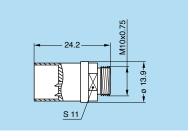


Part number	Sealing resin
HVP.03.250.CLLPV	Araldite [®]
HVP.03.250.CLLSV	Stycast [®]

Panel cut-out (page 12)

HVL Free socket, for device overmolding





Part number HVL.03.250.NLL

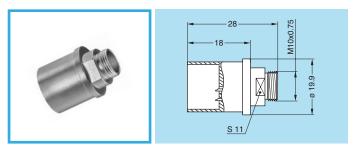
¹⁾ only for vacuumtight models.
2) this value corresponds to the maximum allowed pressure difference for the assembled socket.

³⁾ for chrome plated product («C» material code).





HVW Free socket, for device overmolding, large shell





Note: Vacuumtightness is achieved after customer overmolding.



Alignment Key and Polarized Keying System for Multipole Types

03 series connector model part numbers are composed of three letters. The LAST LETTER indicates the key position and the contact type (male or female).

Front view of a socket	Key	Nb of	Angles	Series	Conta	ct type
		keys	An	03	Plug	Socket
	G	1		0°	male	female
	В	2	α	60°	male	female

	Insert configuration	
--	----------------------	--

Coaxial, multipole

	Male solder contacts	Female solder contacts	Reference	Series	Contact ø (mm)	Cable group	AWG max.	Impedance (Ω)	Test voltage (kV rms) ¹⁾ Contact-contact	Test voltage (kV rms) ¹⁾ Contact-shell	Rated current (A) ¹⁾
1	Coaxial		250	03	0.7	1-3-4	-	50	2.1	2.10	4.0
2	Multipole	0	302	03	0.5	-	30	-	1.0	0.95	5.0
3	Multipole		303	03	0.5	-	30	-	0.8	0.95	3.0
4	Multipole		304	03	0.5	-	30	-	0.8	0.95	2.0
6	Multipole		306	03	0.35	-	30	-	0.7	0.95	1.7

Note: 1) Test voltage measured according to IEC 60512-2 test 4a standard.





Ref.	Outer shell a	and collet nut	Latch sleeve +	earthing crown	Other metallio	c components	Remarks	Note	
	Material	Surf. treatment	Material	Surf. treatment	Material	Surf. treatment			
С	brass	chrome	brass/bronze	nickel	brass	nickel	for multipole and coaxial	•	
S	stainless steel	-	brass/bronze	nickel	brass	nickel	for multipole and coaxial	0	

Note: detailed characteristics of these materials and treatments are presented in the Unipole-Multipole catalogue.

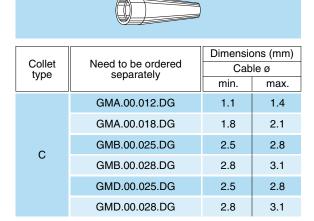
Contacts

Ref.	Contact type	Remarks
Α	Male solder	For multipole and coaxial
С	Male crimp	For coaxial

Ref.	Contact type	Remarks
L	Female solder	For multipole or coaxial type sockets



Bend relief for models with collet (need to be ordered)



Collet type			ons (mm) le ø
туре	Separately	min.	max.
К	GMA.0B.030.DG	3.0	3.4
	GMA.0B.035.DG	3.5	3.9
	GMA.0B.040.DG	4.0	4.4
	GMA.0B.045.DG	4.5	5.2

Note: The «GMD» are thin bend reliefs (for very flexible cables). The last letter «G» of the part number indicates the grey colour of the bend relief.

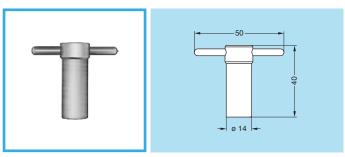
Accessories

For accessories and tooling, please contact us.



Tooling

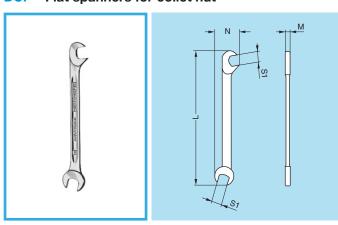
DCG Spanner for hexagonal nut



Part number	Part number of the nut
DCG.91.149.0TN	GEA.00.240.LN

Material: Blackened steel

DCP Flat spanners for collet nut



Dort number	Dimensions					
Part number	L	М	N	S1		
DCP.99.045.TC	70	2	10.5	4.5		
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		

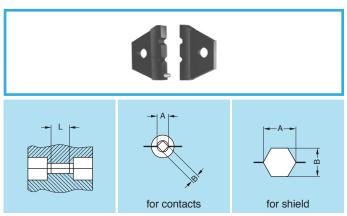
Material: Chrome-plated steel

DPE Crimping tool with die (coaxial connectors)



Part number	Cable group	
DPE.99.123.1K	1	
DPE.99.123.8K	2-3-4	

DPN Dies



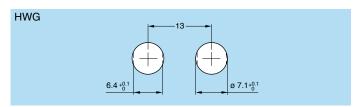
Part number	Cable group	Die dimension				
		For contacts			For shield	
		Α	В	L	Α	В
DPN.99.123.1K	1	1.29	0.91	2.0	3.10	2.70
DPN.99.123.8K	2-3-4	1.29	0.91	2.0	3.80	3.30

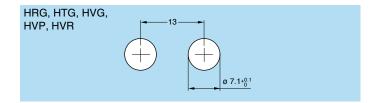
Dies material: Blackened steel



Panel cut-outs

Panel Cut-outs





Mounting nuts torque

Component	Torque (Nm)	
Retaining nut	0.25	
Hexagonal nut	2.00	
Coupling nut	2.00	

1N = 0.102 kg

Cable assembly

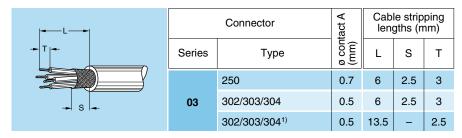
Assembly instructions

In order to ensure the sealing of plugs and sockets on the cable side, it is imperatively necessary to complete their assembly by realizing it with an adapted technique.

We recommend the fitting of an heatshrink boot with inner melting coating of type ATUM (manufactured by the RAYCHEM company) or similar.

This heatshrink boot is not provided with the connector. Please consult us.

Cable stripping lengths



Note: the tolerances on these dimensions are: L: \pm 0.5 mm; S: \pm 0.5 mm; T: \pm 0.2 mm. ¹⁾ for FVG model with cable crimping.

Recommended coaxial cables

Recommended cables for coaxial types

Cable group	9	Standard		Reference	Imp.	
	MIL-C-17	IEC 96-2	CCTU 10-01A	neierence	(Ω)	
3 RG.174	DC 174 A/LL	RG.174 A/U 50.2.1	KX 3A	CCX.50.RG1.74AU27N	50 ± 2 Ω	
	NG.174 A/U	50.2.1	KX 38	CCX.50.RG1.74U25N	50 ± 2 Ω	
1	RG.178 B/U	50.1.1	KX 21A	CCX.50.RG1.78BU18M	50 ± 2 Ω	
4	RG.188 A/U	50.2.3		CCX.50.RG1.88AU24B	50 ± 2 Ω	
1	RG.196 A/U	50.1.2		CCX.50.RG1.96AU20B	50 ± 2 Ω	
4	RG.316 /U	50.2.2	KX 22A	CCX.50.RG3.16BU26M	50 ± 2 Ω	



Product safety notice

PLEASE READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY AND CONSULT ALL RELEVENT 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

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

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.

7. 🗥 WARNING (Prop 65 State of California)

Proposition 65 requires businesses to provide warnings to Californians about significant exposures to chemicals that cause cancer, birth defects or other reproductive harm. LEMO products are exempt from proposition 65 warnings because they are manufactured, marketed, and sold solely for commercial and industrial use. For further information, please visit https://www.lemo.com/quality/LEMO-Prop-65-compliance-declaration.pdf.

Disclaimers

LEMO works constantly to improve the quality of its products; the information and illustrations figuring in this document may therefore vary and are not binding. In any case, LEMO makes no specific warranty of merchantability, fitness for a particular purpose, third party components as such or included in assembly, non-infringement, title, accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO component.

In no event shall LEMO, its affiliates, officers, agents or employees be liable for any incidental, indirect, special or consequential damages in connection with the products or services provided by LEMO, including (without limitation) loss of profits or revenues, interruption of business, loss of use of the products or any associated equipment, materials, components or products, damages to associated equipment or in combination with other components, materials.

Reproduction of significant portions of LEMO information in LEMO data books or data sheets is permissible only if reproduction is without alteration and is accompanied by all associated warranties, conditions, limitations, and notices. LEMO is not responsible or liable for such altered documentation. Information of third parties may be subject to additional restrictions.

LEMO HEADQUARTERS

SWITZERLAND LEMO SA Chemin des Champs-Courbes 28 - P.O. Box 194 - CH-1024 Ecublens Tel. +41 21 695 16 00 - 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 salesAT@lemo.com

BRAZIL
LEMO Latin America Ltda
Av. Dr. Adhemar de Barros,
566 – Sala 1407, Vila Adyana
CEP: 12245-011
São José dos Campos - SP - Brazil
Tel: +55 11 94242 4293
info-la@lemo.com

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 First Floor, Block E, 18 Jindian Road, Pudong Shanghai, China, 201206 Tel: +86 21 5899 7721 Fax: +86 21 5899 7727 cn.sales@lemo.com

DENMARK LEMO Denmark A/S Mandal Allé 16A 5500 Middelfart Tel: +45 45 20 44 00 Fax: +45 45 20 44 01 info-dk@lemo.com

FRANCE
LEMO France SàrI
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

ITALY LEMO Italia srl Viale Lunigiana 25 20125 Milano Tel: +39 02 66 71 10 46 Fax: +39 02 37 90 80 46 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 info-jp@lemo.com

NETHERLANDS / BELGIUM LEMO Connectors Nederland B.V. Jacques Meuwissenweg 6 2031 AD Haarlem Tel. +31 23 206 07 01 info-nl@lemo.com

NORWAY / ICELAND LEMO Norway A/S Soerumsandvegen 69, 1920 Soerumsand 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 Gunnebogatan 30 163 53 Spånga 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 ch.sales@lemo.com

TAIWAN TAOYUAN TAIWAN Tel: +886 967 132 824 speng@lemo.com

UNITED ARAB EMIRATES
LEMO Middle East Connectors LLC
Concorde Tower 11th Floor,
Office 1102, Dubai Media City,
P.O. Box 449849
Dubai, United Arab Emirates
Tel: +971 4 568 1904
info-me@lemo.com

UNITED KINGDOM LEMO UK Ltd 12-20 North Street, Worthing, West Sussex, BN11 1DU Tel: +44 1903 23 45 43 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

ARGENTINA, AUSTRALIA, BRAZIL, CHILE, COLOMBIA, CZECH REPUBLIC, GREECE, INDIA, ISRAEL, NEW ZEALAND, PERU, POLAND, SOUTH AFRICA, SOUTH KOREA, TURKEY, UKRAINE