

CONNECTOR SELECTION GUIDE





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 local partners.

LEMO has set several connector standards, such as the 3K.93C connector for HDTV and the 00.250 connector for NIM.CAMAC.

Local LEMO team: your best support

Selecting the right connector for any project is an important and sometimes challenging process. LEMO offers dedicated professional support to help you choose the best suitable solution. LEMO invites you to call our local partner for technical support. Consider the following checklist as a starting point for finding the best specific solution:

Over 50'000 connector combinations

The modular design of the LEMO range provides over 50'000 combinations of connectors from miniature Ø 2 mm to Ø 50 mm, capable of handling cable diameters up to 30 mm and for up to 106 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.

Custom design and cable assembly

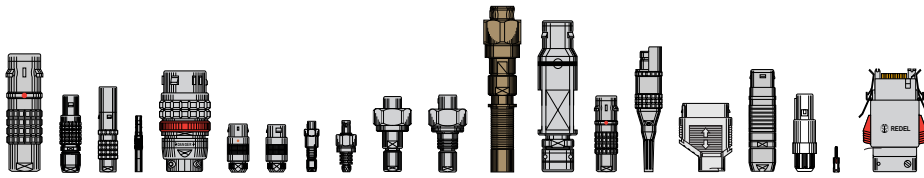
LEMO offers the most extensive product line, but some applications require a unique design. LEMO can supply a connecting solution that meets your specific requirements, including special materials, personalized layout and cable assembly.



Checklist for the most common connector configurations

	Unipole / Multipole Low voltage (<3kV)	High voltage (>3kV) + Multi	Coaxial + Multi	Triaxial
Basic Specs	<ul style="list-style-type: none"> Cable diameter Number of contacts Wire gauge Metal or plastic Type of contacts (solder, crimp, print) 	<ul style="list-style-type: none"> Cable diameter Max. test voltage Number of contacts Grounding needs 	<ul style="list-style-type: none"> Cable type (RG ?) Cable diameter Number of contacts Impedance 50, 75 and 120 Ω Max. working frequency 	<ul style="list-style-type: none"> Cable type Cable diameter Impedance 50, 75 and 120 Ω Max. working frequency
Indoor	00, B, S, 2C, 2G, H	05, B, S, Y, 5G, K/S	01, 00, R0, 0A, B, S, 2C, DIN	00, S
Plastic	REDEL P, R, (B)		(B)	
Outdoor	E, K, N, H, F	E, K	E, N, K, 3T	E, 3T, 4M, N, REDEL F, 4A
Underwater	03, V, W, U		03, V, U, W	V
Basic Specs	<ul style="list-style-type: none"> Keying Max. connector size (length, diameter) Environment (harsh, EMC, shock, vibration,...) Plug model (straight, elbow, panel mount,...) Socket model (free, fixed, PCB mount,...) Vacuumtight 	<ul style="list-style-type: none"> Conductor + dielectric diameter Max. connector size (length, diameter) Max. operating voltages Plug model (straight,...) Socket model (free, fixed, back panel,...) Vacuumtight 	<ul style="list-style-type: none"> Max. connector size (length, diameter) Plug model (straight, elbow, fixed, bridge,...) Screening efficiency Socket model (free, fixed, PCB mount, ...) Vacuumtight 	<ul style="list-style-type: none"> Max. connector size (length, diameter) Plug model (straight,...) Screening efficiency Socket model (free, fixed, back panel,...) Vacuumtight

Contact your LEMO local partner

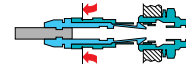
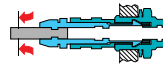
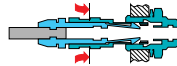
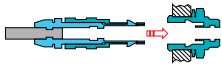


Most popular LEMO series by market segment

Applications \ Series	B	S	K	E	F	00	01	0A	3T	4A	4M	3K 93C	1D	Y	05	5G	2G	2C	L	H	R	N	03	V	W	U	F	P	D	K/S	01	DIN
Aviation																																
Automotive																																
Audio / Video																																
HDTV																																
Communications																																
Industrial Control																																
Information Sys.																																
Machine industry																																
Medical																																
Military																																
Nuclear																																
Petroleum																																
Public Sector																																
Research																																
Robotics																																
Test & Measur.																																

Most frequently used in darker colour

LEMO Push-Pull self-latching system



01. 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.

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

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

04. 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.

Options to consider

Fibre Optic + Multi

- Number of fibres
- Fibre type (singlemode, multimode)

00, B, COELVER 01, REDEL D

(B)

K, N, F, H

W, U

- Fibre core & cladding
- Environment (harsh, dust, shock, vibration...)
- Max. connector size (length, diameter)
- Cable diameter
- Plug model (straight, fixed...)
- Socket model (free, fixed, back panel...)

Hybrid + Other specialities

- Low + High voltage
- Coaxial + Low voltage
- Triax + Low voltage
- Fibre optic + Low voltage
- Fibre optic + Low + High voltage
- Fluidic + Low voltage
- Thermo + Low voltage
- Quadrax
- Thermocouple
- Fluidic & Pneumatic
- RF coaxial (12 Ghz)
- Remote handling
- Nuclear environment
- Non-magnetic shell
- Hermaphroditic connectors
- Rectangular connectors
- Screw thread coupling
- Patch panels
- Adapters
- Cable assemblies
- Custom Design

Contact LEMO

Some good reasons to choose a LEMO connector

Extensive product range: The modular design and extensive range of Lemo connectors enables you to select the ideal connector for your application.

Reliability: due to the high quality of their design and manufacture, LEMO connectors usually last as long as the equipment.

Ruggedness: Suitable for use in high vibration and shock environments.

Aesthetics: the attractive high tech design of LEMO connectors enhances any front panel design and contributes significantly to the appearance of your product.

EMC protection: the metallic outer shell offers screen efficiency superior to that of standard screened cables and most other connectors.

Long-term availability: LEMO guarantees to supply your connector, however specific, over a very long period of time since most LEMO connectors are produced with standard components.



Contact availability within connector series

	B	S	K	E	F	00	01	0A	3T	4A	4M	3K, 93C	1D	Y	05	5G	2G	2C	L	H	R	N	03	V	W	U	F	P	D	K/S	01	DIN		
Unipole		■		■		■																■		■										
Multipole	■	■	■	■	■	■											■	■	■	■	■	■	■	■	■	■		■						
Coaxial 50 Ω		■		■		■	■	■											■				■	■									■	
Coaxial 75 Ω		■	■	■				■	■															■									■	
Multi Coaxial	■	■	■	■																				■	■									
Mixed Coax + LV	■	■	■	■																		■	■	■	■		■							
Triaxial 50 Ω		■		■		■					■												■	■										
Triaxial 75 Ω		■		■					■	■	■												■	■			■							
Mixed Triax + LV	■		■																				■	■										
Quadrax													■																					
High Voltage		■		■										■	■																			
Multi High Voltage	■	■	■	■												■																■		
Mixed HV + LV	■	■	■	■																		■					■							
Fibre Optic			■																														■	
Multi Fibre Optic			■		■																■	■		■	■									
Mixed FO + LV			■		■							■									■	■		■	■			■						
Thermocouple		■	■	■																■			■											
Fluidic	■					■																						■						
Multi Fluidic	■		■																				■											
Mixed Fluidic + LV	■		■																				■											

Most frequently used in darker colour

00 Series



01 Series



0A Series



3T Series



4A Series Keyed



Series Description	cable Ø 1.5 - 5 mm		Series Description	cable Ø 1.8 - 2.8 mm		Series Description	cable Ø 2.5 - 6.3 mm		Series Description	cable Ø 8.5 - 17.5 mm		Series Description	cable Ø 8 - 14.5 mm	
Coaxial 50 Ω self-latching connectors, the basis of the NIM-CAMAC standard			Smallest self-latching coaxial 50 Ω connectors			Coaxial self-latching connectors for video or telecommunication applications			Watertight self-latching coaxial and triaxial connectors for TV camera applications			Waterprotected self-latching triaxial connectors for TV camera applications. (US standard.)		
<ul style="list-style-type: none"> Coaxial 50 Ω Triaxial 			<ul style="list-style-type: none"> Coaxial 50 Ω 			<ul style="list-style-type: none"> Coaxial 50 or 75 Ω 			<ul style="list-style-type: none"> Coaxial 75 Ω Triaxial 75 Ω 			<ul style="list-style-type: none"> Triaxial 75 Ω 		
<ul style="list-style-type: none"> Push-Pull self-latching Over 40 shell styles Temp. range -55°C to 250°C Shielding: <ul style="list-style-type: none"> > 90dB at 10Mhz > 70dB at 1 Ghz Solder or crimp contacts 	IP50		<ul style="list-style-type: none"> Push-Pull self-latching Over 15 shell styles Temp. range -55°C to 230°C Shielded Solder or print contacts 	IP50		<ul style="list-style-type: none"> Push-Pull self-latching Over 27 shell styles Temp. range -55°C to 250°C Shielded Solder or crimp contacts Working frequency up to 3 Ghz @ 75 Ω 	IP50		<ul style="list-style-type: none"> Push-Pull self-latching Over 7 shell styles Temp. range -55°C to 200°C Shielded Intermatable with ULC series size III 	IP66		<ul style="list-style-type: none"> Push-Pull self-latching Over 10 shell styles Temp. range -55°C to 200°C Shielded Intermatable with Kings TRI-LOC KP80.. series 	IP61	
PLUG Straight Elbow Fixed COUPLERS ADAPTERS	SOCKET Free Fixed Elbow PCB mount Back panel mounting Vaccumtight		PLUG Straight Elbow Fixed Elbow Bridge T-Plug	SOCKET Free Fixed Elbow PCB mount Back panel mounting		PLUG Straight Elbow Bridge	SOCKET Free Fixed Elbow PCB mount Back panel mounting		PLUG Straight Fixed	SOCKET Free Fixed		PLUG Straight Fixed	SOCKET Free Fixed	
COUPLER			COUPLER			COUPLERS ADAPTERS			COUPLERS ADAPTERS			COUPLER		

B Series Keyed**S Series****K Series** Keyed**E Series****F Series** Keyed

Series Description	Standard self-latching multipole connectors with alignment key. IP50 cable Ø 1 - 25 mm	The original standard self-latching connectors with stepped inserts for alignment (of multipole version). IP50 cable Ø 1 - 30 mm	Watertight self-latching multipole connectors with alignment key and rugged housing for extreme working conditions. IP66 IP68 cable Ø 1 - 23.5 mm	Watertight self-latching connectors with stepped inserts for alignment (of multipole version) and rugged housing for extreme working conditions. IP66 IP68 cable Ø 1 - 30 mm	Compact self-latching multipole connectors, with multiple alignment keys, for harsh environment. IP67 cable Ø 2 - 34 mm
Contact Configurations	<ul style="list-style-type: none"> Multipole 2 to 64 contacts Multi or mixed contacts with: <ul style="list-style-type: none"> Coaxial 1 to 14 contacts Fluidic 1 to 4 contacts High voltage 2 to 21 contacts Fibre optic 1 to 14 contacts Thermocouple 2 to 6 contacts Fibre optic Fluidic 	<ul style="list-style-type: none"> Unipole Coaxial 50 and 75 Ω Multipole 2 to 106 contacts Triaxial 50 and 75 Ω High voltage Multi or mixed contacts with: <ul style="list-style-type: none"> Coaxial 1 to 8 contacts High voltage 2 to 8 contacts Thermocouple 2 to 6 contacts 	<ul style="list-style-type: none"> Multipole 2 to 64 contacts Multi or mixed contacts with: <ul style="list-style-type: none"> Coaxial 1 to 14 contacts Fluidic 1 to 14 contacts High voltage 1 to 21 contacts Fibre optic 1 to 14 contacts Fibre optic Thermocouple 2 to 6 contacts 	<ul style="list-style-type: none"> Unipole Coaxial 50 and 75 Ω Multipole 2 to 106 contacts Triaxial 50 and 75 Ω High voltage Multi or mixed contacts with: <ul style="list-style-type: none"> Coaxial 1 to 8 contacts High voltage 1 to 8 contacts Thermocouple 2 to 6 contacts 	<ul style="list-style-type: none"> Multipole 2 to 66 contacts Multi or mixed contacts with: <ul style="list-style-type: none"> Fibre optic 2 contacts Other mixed versions upon request
Main Features	<ul style="list-style-type: none"> Push-Pull self-latching 7 sizes 13 keying options 9 colour codings Over 60 shell styles UL recognized Temp. range -55°C to 250°C Solder, crimp or print contacts Shielding: <ul style="list-style-type: none"> > 75dB at 10Mhz > 40dB at 1 Ghz 	<ul style="list-style-type: none"> Push-Pull self-latching 8 sizes Multipole with stepped inserts 9 colour codings Over 50 shell styles UL recognized Temp. range -55°C to 250°C Solder or print contacts Shielding: <ul style="list-style-type: none"> > 75dB at 10Mhz > 40dB at 1 Ghz 	<ul style="list-style-type: none"> Push-Pull self-latching 6 sizes 9 keying options Over 28 shell styles UL recognized Temp. range -55°C to 200°C Solder, crimp or print contacts Shielding: <ul style="list-style-type: none"> > 95dB at 10Mhz > 80dB at 1 Ghz 	<ul style="list-style-type: none"> Push-Pull self-latching 7 sizes Multipole with stepped inserts Over 22 shell styles UL recognized Temp. range -55°C to 200°C Solder or print contacts Shielding: <ul style="list-style-type: none"> > 95dB at 10Mhz > 80dB at 1 Ghz 	<ul style="list-style-type: none"> Push-Pull self-latching 7 sizes 4 keying options Compact and lightweight Over 12 shell styles Temp. range -50°C to 200°C Shielded Crimp or print contacts High vibration resistance High shock resistance Dark finish
Shell Types	PLUG: Straight, Elbow, Fixed, Bridge SOCKET: Free, Fixed, Elbow, PCB mount, Back panel mounting, Vacuumtight COUPLERS	PLUG: Straight, Elbow, Fixed, Bridge SOCKET: Free, Fixed, Elbow, PCB mount, Back panel mounting, Vacuumtight COUPLERS ADAPTERS	PLUG: Straight, Elbow, Fixed, T-Plug SOCKET: Free, Fixed, Back panel mounting, Vacuumtight COUPLERS	PLUG: Straight, Elbow, Fixed SOCKET: Free, Fixed, Back panel mounting, Vacuumtight COUPLERS	PLUG: Straight SOCKET: Free, Fixed, Back panel mounting, Watertight

4M Series Keyed**3K.93C Series** Keyed**1D Series****Y Series****05 Series**

Series Description	Watertight self-latching triaxial connectors with alignment key for TV camera applications. (UK standard) IP66 cable Ø 6 - 14.5 mm	Hybrid electrical-fibre optic self-latching connector for HDTV applications (ARINC / ARIB / EBU Standard). IP68 cable Ø 8.6 - 16 mm	Self-latching connectors with 4 concentric contacts IP50 cable Ø 3 - 7.5 mm	Single contact self-latching high voltage connector with a test voltage from 5 to 70 kV d.c. IP50 cable Ø 1 - 29 mm	Miniature single contact High voltage self-latching connector with a test voltage of 12kV d.c. IP50 cable Ø 1.1 - 3.3 mm
Contact Configurations	<ul style="list-style-type: none"> Triaxial 50 and 75 Ω 	<ul style="list-style-type: none"> Hybrid with: <ul style="list-style-type: none"> 2 fibre optic contacts 2 signal contacts 2 power contacts and ground 	<ul style="list-style-type: none"> Quadrax (4 concentric contacts) 	<ul style="list-style-type: none"> Single HV contact 	<ul style="list-style-type: none"> Single HV contact
Main Features	<ul style="list-style-type: none"> Push-Pull self-latching Keying Over 10 shell styles Temp. range -55°C to 200°C Shielded 	<ul style="list-style-type: none"> Push-Pull self-latching Keying W code Over 11 shell styles Stainless steel shell Temp. range -55°C to 90°C Shielded UL approved Conform to ARIB standard Conform to SMPTE standard 	<ul style="list-style-type: none"> Push-Pull self-latching 8 colour coding Over 7 shell styles Temp. range -40°C to 120°C Shielding: <ul style="list-style-type: none"> > 70dB at 10Mhz > 35dB at 1 Ghz Solder contacts 	<ul style="list-style-type: none"> Push-Pull self-latching Test voltage from 5 to 70kV d.c. 3 sizes Temp. range -55°C to 250°C Solder contacts Optional safety locking device 	<ul style="list-style-type: none"> Push-Pull self-latching Test voltage of 12kV d.c. Over 2 shell styles Temp. range -20°C to 125°C Safety locking device Crimp contacts Aluminium alloy shell
Shell Types	PLUG: Straight, Fixed SOCKET: Free, Fixed	PLUG: Straight, Fixed SOCKET: Free, Fixed	PLUG: Straight, Fixed, Bridge SOCKET: Free, Fixed	PLUG: Straight SOCKET: Free, Fixed	PLUG: Straight SOCKET: Fixed
COUPLER					

2G Series Keyed



2C Series



L Series Keyed



H Series



R Series Keyed



Series Description	2G Series Keyed	2C Series	L Series Keyed	H Series	R Series Keyed									
<p>Short self-latching multipole connector with alignment key.</p> <p>cable ø 4.5 - 7.9 mm</p>	<p>Short self-latching connector with stepped inserts for alignment.</p> <p>cable ø 1.7 - 7.9 mm</p>	<p>Watertight self-latching connectors with alignment key, stepped inserts and rugged housing for extreme working conditions.</p> <p>cable ø 1 - 10.5 mm</p>	<p>Genderless connectors with patented push-pull hermaphroditic self-latching system.</p> <p>cable ø 3.6 - 10 mm</p>	<p>Rectangular self-latching connectors with plastic shell.</p> <p>cable ø 1 - 9.2 mm</p>										
<p>Contact Configurations</p> <ul style="list-style-type: none"> Multipole 18 contacts 	<ul style="list-style-type: none"> Multipole 2 to 14 contacts Coaxial 50 Ω 	<ul style="list-style-type: none"> Multipole 2 to 18 contacts Multi or mixed contacts with: <ul style="list-style-type: none"> Coaxial 1 contact High voltage 1 to 2 contacts Thermocouple 2 to 6 contacts 	<ul style="list-style-type: none"> Multipole 6 or 12 contacts Multi or mixed contacts with: <ul style="list-style-type: none"> Fibre optic 2, 4 or 6 contacts 	<ul style="list-style-type: none"> Multipole 10 to 65 contacts Mixed contacts with: <ul style="list-style-type: none"> Coaxial 1 to 8 contacts Fluidic 1 to 8 contacts High voltage 1 to 8 contacts 										
<p>Main Features</p> <ul style="list-style-type: none"> Push-Pull self-latching 9 colour codings Over 8 shell styles Temp. range -55°C to 250°C Solder or print contacts <p>IP50</p>	<ul style="list-style-type: none"> Push-Pull self-latching 9 colour codings Over 13 shell styles Temp. range -55°C to 250°C Solder or print contacts <p>IP50</p>	<ul style="list-style-type: none"> Push-Pull self-latching 4 sizes Stepped inserts 9 keying options Over 20 shell styles Temp. range -55°C to 200°C Shielding: <ul style="list-style-type: none"> > 95dB at 10Mhz > 80dB at 1 Ghz Solder or print contacts <p>IP66 IP68</p>	<ul style="list-style-type: none"> Push-Pull self-latching 2 sizes Hermaphroditic blind mating Over 4 shell styles Temp. range -55°C to 125°C Solder or crimp contacts Dark finish Aluminium alloy shell <p>IP50 IP68</p>	<ul style="list-style-type: none"> Push-Pull self-latching 3 sizes 2 keying options Available in 5 colours 5 shell styles Temp. range -30°C to 150°C Compact and lightweight Solder, crimp or print contacts <p>IP50</p>										
<p>Shell Types</p> <table border="0"> <tr> <td>PLUG Straight</td> <td>SOCKET Free Fixed</td> </tr> </table>	PLUG Straight	SOCKET Free Fixed	<table border="0"> <tr> <td>PLUG Straight</td> <td>SOCKET Free Fixed Vacuumtight</td> </tr> </table>	PLUG Straight	SOCKET Free Fixed Vacuumtight	<table border="0"> <tr> <td>PLUG Straight</td> <td>SOCKET Free Fixed Back panel mounting Vacuumtight</td> </tr> </table>	PLUG Straight	SOCKET Free Fixed Back panel mounting Vacuumtight	<table border="0"> <tr> <td>PLUG Straight Fixed</td> <td>SOCKET Free Fixed</td> </tr> </table>	PLUG Straight Fixed	SOCKET Free Fixed	<table border="0"> <tr> <td>PLUG Straight</td> <td>SOCKET Free Fixed</td> </tr> </table>	PLUG Straight	SOCKET Free Fixed
PLUG Straight	SOCKET Free Fixed													
PLUG Straight	SOCKET Free Fixed Vacuumtight													
PLUG Straight	SOCKET Free Fixed Back panel mounting Vacuumtight													
PLUG Straight Fixed	SOCKET Free Fixed													
PLUG Straight	SOCKET Free Fixed													

5G Series Keyed



REDEL F Series



P REDEL Series Keyed








D REDEL Series





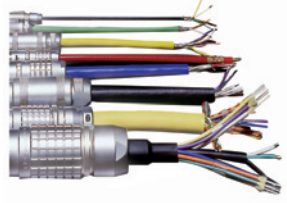


K/S Series Keyed



Series Description	5G Series Keyed	REDEL F Series	P REDEL Series Keyed	D REDEL Series	K/S Series Keyed									
<p>Compact and lightweight High voltage self-latching connector in multicontact version with alignment key and test voltage of 12kV d.c.</p> <p>cable ø 14 - 16.5 mm</p>	<p>Waterprotected self-latching triaxial connectors for TV camera applications.</p> <p>cable ø 8 - 14 mm</p>	<p>Self-latching plastic connectors with alignment key for medical applications.</p> <p>cable ø 2.7 - 9.5 mm</p>	<p>Smallest snap-on subminiature fibre optic connector.</p> <p>cable ø 0.25 - 0.9 mm</p>	<p>Multi High Voltage rectangular connectors for research applications.</p>										
<p>Contact Configurations</p> <ul style="list-style-type: none"> Multi HV 50 contacts 	<ul style="list-style-type: none"> Triaxial 75 Ω 	<ul style="list-style-type: none"> Multipole 2 to 32 contacts Fluidic Mixed contacts in 3P series with: <ul style="list-style-type: none"> Coaxial 1 contact High voltage 1 contact Fibre optic 1 contact 	<ul style="list-style-type: none"> Fibre optic single channel 	<ul style="list-style-type: none"> Multi High voltage <ul style="list-style-type: none"> K series with 22 contacts S series with 51 contacts 										
<p>Main Features</p> <ul style="list-style-type: none"> Push-Pull self-latching Test voltage of 12kV d.c. Over 2 shell styles 2 keying options Temp. range -20°C to 125°C Safety locking device Crimp contacts Aluminium alloy shell Compact design <p>IP50</p>	<ul style="list-style-type: none"> Push-pull self-latching Over 11 shell styles Temp. range -55°C to 200°C Shielded Intermatable with 1051A004 series <p>IP66</p>	<ul style="list-style-type: none"> Push-Pull self-latching 3 sizes Several keying options 6 colour codings Over 12 shell styles Temp. range -50°C to 170°C IP 64/66 options <p>IP50</p>	<ul style="list-style-type: none"> Snap-on fastening Sub-miniature size Low mass Mating endurance up to 30 cycles Ceramic floating ferrule 1.25 mm For singlemode and multimode fibres 	<ul style="list-style-type: none"> Self-latching fastener Test voltage 12kV D.C. Crimp contacts Keying Temp. range -20°C to 125°C 										
<p>Shell Types</p> <table border="0"> <tr> <td>PLUG Straight</td> <td>SOCKET Fixed</td> </tr> </table>	PLUG Straight	SOCKET Fixed	<table border="0"> <tr> <td>PLUG Straight Fixed</td> <td>SOCKET Free Fixed</td> </tr> </table> <p>COUPLERS ADAPTERS</p>	PLUG Straight Fixed	SOCKET Free Fixed	<table border="0"> <tr> <td>PLUG Straight</td> <td>SOCKET Free Fixed Square flange Back panel mounting</td> </tr> </table> <p>DISPOSABLE MODELS</p>	PLUG Straight	SOCKET Free Fixed Square flange Back panel mounting	<table border="0"> <tr> <td>PLUG Straight</td> <td></td> </tr> </table> <p>COUPLER</p>	PLUG Straight		<table border="0"> <tr> <td>PLUG Straight</td> <td>SOCKET Free Fixed</td> </tr> </table>	PLUG Straight	SOCKET Free Fixed
PLUG Straight	SOCKET Fixed													
PLUG Straight Fixed	SOCKET Free Fixed													
PLUG Straight	SOCKET Free Fixed Square flange Back panel mounting													
PLUG Straight														
PLUG Straight	SOCKET Free Fixed													

N Series Keyed		O3 Series Keyed		V Series		W Series Keyed		U Series Keyed	
									
Series Description Remote handling self latching connectors suitable for operating in nuclear environments.		Series Description Screw coupling miniature underwater connectors suitable for pressure up to 60 bars.		Series Description Screw coupling underwater connectors with stepped inserts for alignment (of multipole version) suitable for pressure up to 30 bars.		Series Description Screw coupling underwater connectors with alignment key suitable for pressure up to 30 bars.		Series Description Screw coupling underwater connectors with alignment key for pressure up to 300 bars.	
Shell Types PLUG Straight Elbow 90° 120° SOCKET Free Fixed Vacuumtight		Shell Types PLUG Straight SOCKET Free Fixed Vacuumtight		Shell Types PLUG Straight SOCKET Free Fixed		Shell Types PLUG Straight SOCKET Free Fixed Vacuumtight		Shell Types PLUG Straight SOCKET Free Fixed	
Main Features <ul style="list-style-type: none"> Push-Pull self-latching 4 sizes Special shell design for manipulator handling Temp. range -55°C to 200°C Stainless steel shell as a standard Solder, crimp or print contacts Resistance to 10⁶ Gray 		Main Features <ul style="list-style-type: none"> Screw coupling 2 keying options for multipole Over 20 shell styles Temp. range -55°C to 200°C Shielding: > 100dB at 10Mhz > 80dB at 1 Ghz Solder or crimp contacts Rugged housing 		Main Features <ul style="list-style-type: none"> Screw coupling Multipole with stepped inserts 6 sizes Over 9 shell styles Temp. range -20°C to 200°C Shielding: > 95dB at 10Mhz > 80dB at 1 Ghz Solder contacts Rugged housing 		Main Features <ul style="list-style-type: none"> Screw coupling 4 keying options 6 sizes Over 9 shell styles Temp. range -20°C to 200°C Shielding: > 95dB at 10Mhz > 80dB at 1 Ghz Solder or crimp contacts Rugged housing 		Main Features <ul style="list-style-type: none"> Screw coupling 4 sizes Over 3 shell styles Temp. range -20°C to 120°C Shielding: > 95dB at 10Mhz > 80dB at 1 Ghz Solder, crimp or print contacts 	
Contact Configurations <ul style="list-style-type: none"> Multipole 2 to 64 contacts Coaxial 50 and 75 Ω Triaxial 50 and 75 Ω Thermocouple 2 to 6 contacts Multi or mixed contacts with: Coaxial 1 to 14 contacts High voltage 1 to 21 contacts Fibre optic 1 to 14 contacts Fluidic 1 to 14 contacts 		Contact Configurations <ul style="list-style-type: none"> Multipole 2 to 4 contacts Coaxial 50 Ω 		Contact Configurations <ul style="list-style-type: none"> Unipole Coaxial 50 or 75 Ω Multipole 2 to 48 contacts Triaxial 50 or 75 Ω Multi or mixed contacts with: Coaxial 1 to 4 contacts 		Contact Configurations <ul style="list-style-type: none"> Multipole 2 to 64 contacts Multi or mixed contacts with: Coaxial 1 to 14 contacts Fluidic 1 to 14 contacts Fibre optic 1 to 14 contacts Thermocouple 2 to 6 contacts Fibre optic 		Contact Configurations <ul style="list-style-type: none"> Multipole 2 to 64 contacts Multi or mixed contacts with: Coaxial 1 to 14 contacts Fibre optic 1 to 14 contacts 	
IP66		>IP68		>IP68		>IP68		>IP68	
cable ø 7.5 - 28.5 mm		cable ø 2.4 - 5 mm		cable ø 1 - 23.5 mm		cable ø 1 - 23.5 mm		cable ø 9 - 23 mm	

01 Series Keyed		VAA Series		SAA Series		TAA Series		Cable assembly	
									
Series Description Self-latching Push-Pull fibre optic connector with alignment key.		Series Description Snap-on coaxial connector series MCX (CECC 22220-22221).		Series Description Screw, Push-Pull or snap-on coaxial connectors DIN 47297-C and CECC 22230.		Series Description Screw, Push-Pull or snap-on connectors according to DIN 47295 and CECC 22240.		Series Description LEMO can supply a connecting solution that meets your specific requirements, including special materials, personalized layout and cable assembly	
Shell Types PLUG Straight COUPLERS		Shell Types PLUG Straight Elbow PCB mount SOCKET Free Fixed Elbow PCB mount Bridge COUPLERS ADAPTORS		Shell Types PLUG Straight Elbow PCB mount SOCKET Free Fixed Elbow PCB mount Bridge COUPLERS ADAPTORS		Shell Types PLUG Straight Elbow SOCKET Free Fixed Elbow PCB mount Bridge COUPLERS ADAPTORS		Shell Types PLUG Straight Elbow SOCKET Free Fixed Elbow PCB mount Bridge	
Main Features <ul style="list-style-type: none"> Push-pull self-latching Fully floating ferrule 1.25mm For singlemode and multimode fibres Keying Temp. range -40°C to 85°C 		Main Features <ul style="list-style-type: none"> Over 24 shell styles Temp. range -55°C to 250°C Solder, crimp or print contacts 		Main Features <ul style="list-style-type: none"> Over 56 shell styles Temp. range -55°C to 250°C Solder, crimp or print contacts 		Main Features <ul style="list-style-type: none"> Over 28 shell styles Temp. range -55°C to 250°C Solder, crimp or print contacts 		Main Features <ul style="list-style-type: none"> Coaxial cable Triaxial cable Video cable Audio cable Multiconductor cable PTFE cable PUR cable Silicone cable Special cable in Viton® Computer cable High voltage cable Special-combinations cable Hybrid cable Spiral cable Fibre optic cable Miniature cable Plastic optical fibre cable Basestation-cable CAT 5 / CAT 7 cable FLAT 'N' ROUND-cable Cable assembly 	
IP50		IP50		IP50		IP50		IP50	
cable ø 1.25 mm		cable ø 1.25 mm		cable ø 1.25 mm		cable ø 1.25 mm		cable ø various	

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 01 - e-mail: info@lemo.com

LEMO SUBSIDIARIES

AUSTRIA

LEMO Elektronik GesmbH

Ameisgasse 49-51 / DG1
1140 Wien
Tel: (+43 1) 914 23 20 0
Fax: (+43 1) 911 70 90
sales@lemo.at

CHINA

LEMO Trading

(Shanghai) Co., Ltd.
Rm. 1506, Qiangsheng Building
145 Pujian Road, Pudong
Shanghai, China, 200127
Tel: (+86 21) 5039 5366
Fax: (+86 21) 5039 5266
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

FINLAND

LEMO Finland OY

Vitikka 1 D, 02630 Espoo
Tel: (+358 9) 849 22 40
Fax: (+358 9) 849 22 444
info-fi@lemo.com

FRANCE

LEMO France Sàrl

165, avenue Jean Jaurès
94700 Maisons Alfort
Tel: (+33 1) 45 17 27 90
Fax: (+33 1) 45 17 27 99
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

HONG KONG

LEMO Hong Kong Ltd.

Room 33, 7th Floor
HITEC, 1 Trademart Drive
Kowloon Bay - Hong Kong
Tel: (+852) 2174 0468
Fax: (+852) 2174 0492
hk.sales@lemo.com

HUNGARY

REDEL Elektronika Kft

Vágóhíd u. 26
1201 Budapest XX.
Tel: (+36 1) 284 09 46
Fax: (+36 1) 284 09 57
info-hu@lemo.com

LEMO DISTRIBUTORS

AUSTRALIA, BELGIUM, BRAZIL, CANADA, CZECH REPUBLIC, GREECE, INDIA,
ISRAEL, MALAYSIA, NEW ZEALAND, PHILIPPINES, POLAND, SINGAPORE,
SOUTH AFRICA, SOUTH KOREA, TAIWAN, THAILAND, TURKEY, UKRAINE

LEMO LOCAL PARTNER

GREAT BRITAIN

LEMO UK Ltd

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

www.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

KRD Bldg. 4F, 1-13-1,
Mukogaoka, Bunkyo-ku,
Tokyo, 113-0023
Tel: (+81 3) 38 11 21 61
Fax: (+81 3) 38 11 21 67
lemoinfo@lemo.co.jp

THE NETHERLANDS

LEMO Connectors

Nederland B.V.
De Trompet 1860
1967DB Heemskerk
Tel: (+31 0) 251 78 31 51
Fax: (+31 0) 251 78 31 50
info-nl@lemo.com

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

SPAIN / PORTUGAL

IBERLEMO S.A.

Brasil, 45, 08400 Granollers
Barcelona
Tel: (+34 93) 860 44 20
Fax: (+34 93) 879 10 77
info-es@lemo.com

SWEDEN

LEMO Sweden 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
6343 Rotkreuz
Tel: (+41 41) 790 49 40
Fax: (+41 41) 790 49 43
ch.sales@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@lemousa.com

CAT.SG.LEN.P0205

