LEGRIS LF 3000® PLUG-IN CONNECTORS





Legris LF 3000® Plug-In Connectors are designed to connect and disconnect a bundle of tubes simultaneously without risk of error, thus facilitating maintenance.

Technical specifications

Fluids: compressed air and neutral gases

Operating pressure: 10^{-2} millibar to 10 bar

Operating temperature: -20°C to +80°C

Diameter: 4 to 8 mm

Regulations: RoHS, REACh, ISO 14743, PED

Performance depends on the fluids, materials and tube used.

Benefits

- **Reduced connection space** to a minimum of 12 tubes.
- **Prevents assembly errors:** each tube outlet is numbered to facilitate installation. A positioning pin prevents assembly errors.
- **3 solutions:** modular in-line fitting, cylindrical fitting or DIN rail terminal block.

Panel mounted Multi-connectors

The two common uses for this product are:

1- Fixing one half to a machine or through a partition, allowing the other half to be assembled or disassembled for maintenance. Often, when transporting machinery, air hoses are disconnected, and this connection provides a foolproof method of reconnecting them in place.

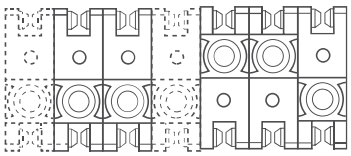
2- The use of the inline fitting allows long lengths of tubing to be joined together, which must be disconnected periodically.

It is advisable to limit the length of the mobile unit to five fittings.
The fixed portion is not limited.

Connector customisation

By reversing the module units during installation, it is possible to "offset" them so that they cannot be inadvertently connected in the wrong direction.

Contents of a box:
10 hermaphroditic modules
20 assembly pins and 4 end pins
4 fixing brackets
4 coupler clips
1 removal fork



Standard assembly | Custom assembly

Recommended applications



Quick method for connecting several tubes in line on a pneumatic installation

3300
Modular Plug-In Connector

Technical polymer, NBR



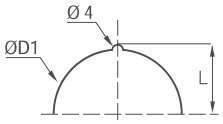
Scan for more dimensions

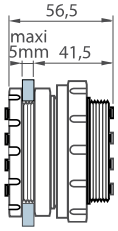
ØD	References
4	3300 04 00
6	3300 06 00
8	3300 08 00

Clearance hole for Ø3 mm screw

Cylindrical multi-connector

This range is particularly suitable for partition wall crossings. A protective cover guides the tubes and protects the connections.





Overall dimensions of the bulkhead multi-connector

Number of tube outlets	L	ØD1
2	17	32.5
4-7	21	40.5
12	30.3	58.5

Recommended applications



Cylindrical multi-connector for mounting on a partition in industrial equipment

3320
Multi-Connector Male Screw Body

Technical polymer, NBR



Scan for more dimensions

ØD	C	C1	References
4	M46x1.5	M40x1.5	3320 04 00 04
	M46x1.5	M40x1.5	3320 04 00 07
	M65x1.5	M58x1.5	3320 04 00 12
6	M46x1.5	M40x1.5	3320 06 00 04
	M46x1.5	M40x1.5	3320 06 00 07

The number of male body outlets must correspond to the same number of outlets on the female body.

3321
Multi-Connector Female Screw Body

Technical polymer, NBR



Scan for more dimensions

ØD	C	C1	References
4	M46x1.5	M40x1.5	3321 04 00 04
	M46x1.5	M40x1.5	3321 04 00 07
	M65x1.5	M58x1.5	3321 04 00 12
6	M46x1.5	M40x1.5	3321 06 00 04
	M46x1.5	M40x1.5	3321 06 00 07

The number of female body outlets must correspond to the same number of outlets on the male body.

3329
Multi-Connector Screw Cap

Technical polymer



Scan for more dimensions

C	References
M40x1.5	3329 00 02
M58x1.5	3329 00 03

Multi-connector terminal block on DIN rail

Identification of tubes

Slots are provided to accommodate label holders, allowing the tubes to be identified.

Pressure indicator

Being able to detect the presence of air is an important consideration when maintaining pneumatic systems.

Legris terminal blocks incorporate pressure indicators that spring back after being pressed manually, indicating the presence of air in the system.

Recommended applications



Mounting terminal blocks on a standard DIN rail with visible pressure indicator

3379
DIN Rail Connector for 2 Tubes

Technical polymer, NBR



Scan for more dimensions

ØD	References
4	3379 04 00
6	3379 06 00
8	3379 08 00

Pressure indicator for the system.

3381
DIN Rail Connector for 3 Tubes

Technical polymer, NBR



Scan for more dimensions

ØD	References
4	3381 04 00
6	3381 06 00
8	3381 08 00

Pressure indicator for the system.