

Modular Plug-In Connectors

These connectors allow a **maximum number of tube connections** in a **minimum of space**. Parker Legris offers an **ergonomic solution** to enable quick connection for the most complex installations.

Product Advantages

Panel-Mounted

- Panel mounted to a machine or bulkhead
- Reduced risk of incorrect assembly
- Possible to connect in-line
- Plated metal joiners and clips for reinforcement

In-Line

- Locating pin prevents incorrect assembly
- Cap guides the tubes and protects connections
- Aluminium and technical polymer components
- Bulkhead mountable
- Customised multi-connectors upon request

DIN Rail

- Used alongside electrical connectors
- Pressure indication
- Can be clipped side-by-side into a DIN rail profile [or Ω
- Channels or slots for labels for tube identification



Applications

- Robotics
- Automotive Process
- Pneumatics
- Semi-Conductors
- Textile
- Packaging

Technical Characteristics

Compatible Fluids	Compressed air Other fluids: please consult us
Working Pressure	Vacuum to 10 bar
Working Temperature	-20°C to +80°C

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.
Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Component Materials

- Multi-connectors:**
- panel-mounted: zinc-plated steel, technical polymer
 - in-line: aluminium, technical polymer
 - DIN rail: technical polymer

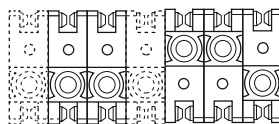
Connections: LF 3000®



Silicone-free

Installation Configurations

Panel-Mounted



Standard assembly Customised assembly

A box contains:

- 10 units
- 20 joining clips and 4 end pins
- 4 mounting brackets
- 4 coupling clips
- 1 dismantling tool

The module is constructed from a number of symmetrical components connected by joining clips. A coupling clip locks the module closed. A dismantling tool allows disconnection.

Maximum 5 modules recommended for the mating module; the fixed module is not limited.

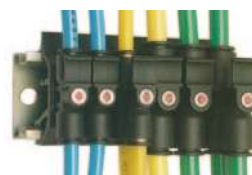
In-Line



Regulations

ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

DIN Rail Connector



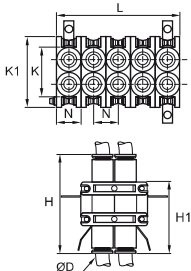
Modular Plug-In Connectors

LF 3000®

Push-In Fittings

3300

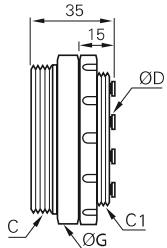
Modular Plug-In Connector

	Technical polymer, NBR 	ØD		B	H	H1	K	K1	L	L1	L2	N	kg
		4	3300 04 00	21	40,5	29,5	32	20	55	22	6	11	0,078
		6	3300 06 00	28	48	38,5	39	27,5	70	28	7,5	14	0,213
		8	3300 08 00	28	50	39	39	27,5	70	28	7,5	14	0,025

Clearance hole for Ø3 mm screw

3320

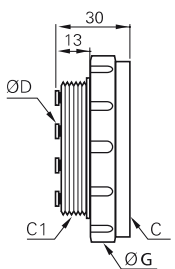
Multi-Connector Male Screw Body

	Technical polymer, NBR 	ØD	C	C1		Number of Outlets	G	kg
		4	M38x1.5	M32x1.5	3320 04 00 02	2	42	0,046
			M46x1.5	M40x1.5	3320 04 00 04	4	50	0,070
			M46x1.5	M40x1.5	3320 04 00 07	7	50	0,072
			M65x1.5	M58x1.5	3320 04 00 12	12	70	0,136
		6	M38x1.5	M32x1.5	3320 06 00 02	2	42	0,050
			M46x1.5	M40x1.5	3320 06 00 04	4	50	0,070
			M46x1.5	M40x1.5	3320 06 00 07	7	50	0,070
			M38x1.5	M32x1.5	3320 08 00 02	2	45	0,050

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

3321

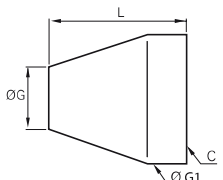
Multi-Connector Female Screw Body

	Technical polymer, NBR 	ØD	C	C1		Number of Outlets	G	kg
		4	M38x1.5	M32x1.5	3321 04 00 02	2	45	0,040
			M46x1.5	M40x1.5	3321 04 00 04	4	55	0,065
			M46x1.5	M40x1.5	3321 04 00 07	7	55	0,063
			M65x1.5	M58x1.5	3321 04 00 12	12	75	0,124
		6	M38x1.5	M32x1.5	3321 06 00 02	2	45	0,043
			M46x1.5	M40x1.5	3321 06 00 04	4	55	0,066
			M46x1.5	M40x1.5	3321 06 00 07	7	55	0,064
			M38x1.5	M32x1.5	3321 08 00 02	2	45	0,039

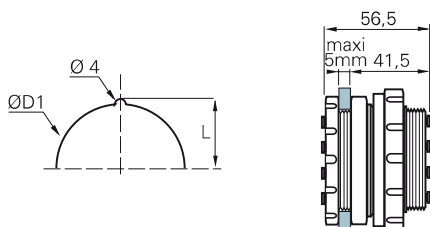
The number of female body outlets must correspond to the same number of outlets on the male body.

3329

Multi-Connector Screw Cap

	Technical polymer 	C		Number of Outlets	G	G1	L	kg
		M32x1.5	3329 00 01	2	32	42	50	0,043
		M40x1.5	3329 00 02	4-7	35	50	55	0,058
		M58x1.5	3329 00 03	12	34	70	70	0,139

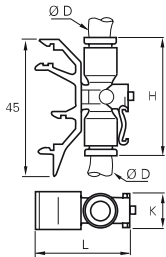
Overall Dimensions for Bulkhead Mounting



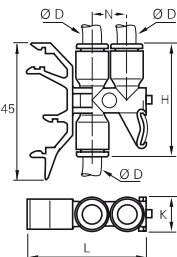
Number of Outlets	L	ØD1
2	17	32,5
4-7	21	40,5
12	30,3	58,5

Modular Plug-In Connectors

3379 DIN Rail Connector for 2 Tubes

	<p>Technical polymer, NBR</p> 	ØD		H	K	L	kg
		4	3379 04 00	34,5	11	39,5	0,016
		6	3379 06 00	34,5	11	39,5	0,026
		8	3379 08 00	46	13	44,5	0,034
		Start pressure test point on the system					

3381 DIN Rail Connector for 3 Tubes

	<p>Technical polymer, NBR</p> 	ØD		H	K	L	N	kg
		4	3381 04 00	36,5	11	39,5	11,5	0,012
		6	3381 06 00	36,5	11	39,5	11,5	0,008
		8	3381 08 00	46	13	44,5	14,5	0,013
		Start pressure test point on the system						