

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



Robotics
 Automotive Process
 Pneumatics
 Semi-Conductors
 Textile
 Packaging

Applications

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

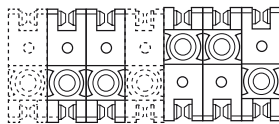
Connections: LF 3000®



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.

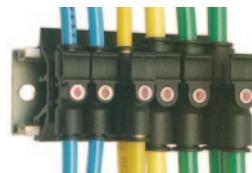
In-Line



Regulations


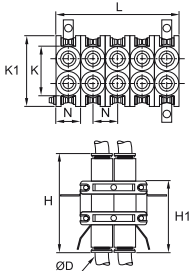

ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes
 DI: 97/23/EC (PED)
 DI: 2002/95/EC (RoHS), 2011/65/EC
 DI: 1907/2006 (REACH)

DIN Rail Connector


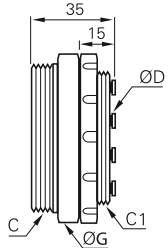



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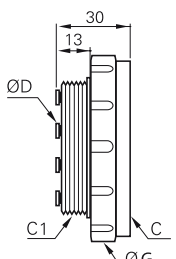

3300 Modular Plug-In Connector

	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													


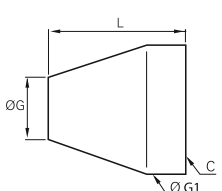

3320 Multi-Connector Male Screw Body

	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.						

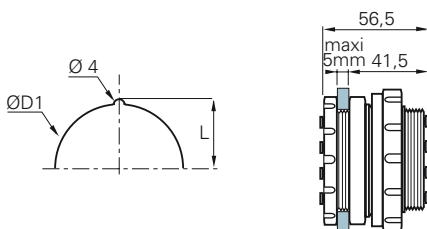
3321 Multi-Connector Female Screw Body

	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