

# 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

<b>Compatible Fluids</b>	Compressed air Other fluids: please consult us
<b>Working Pressure</b>	Vacuum to 10 bar
<b>Working Temperature</b>	-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

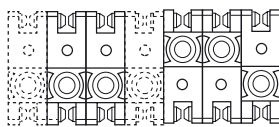
Connections: LF 3000®



**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


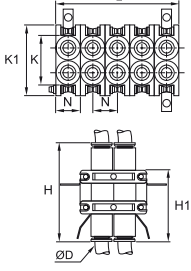

ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes  
 DI: 97/23/EC (PED)  
 DI: 2002/95/EC (RoHS), 2011/65/EC  
 DI: 1907/2006 (REACH)

### DIN Rail Connector




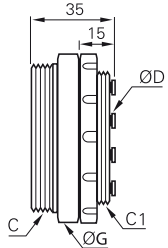

# Modular Plug-In Connectors

## 3300 Modular Plug-In Connector

	Technical polymer, NBR 	$\varnothing D$		<b>B</b>	<b>H</b>	<b>H1</b>	<b>K</b>	<b>K1</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>N</b>	<b>kg</b>
		4	<a href="#">3300 04 00</a>	21	40.5	29.5	32	20	55	22	6	11	0.078
		6	<a href="#">3300 06 00</a>	28	48	38.5	39	27.5	70	28	7.5	14	0.213
		8	<a href="#">3300 08 00</a>	28	50	39	39	27.5	70	28	7.5	14	0.025


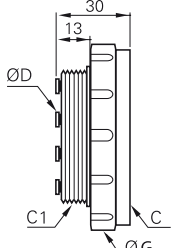

Clearance hole for Ø3 mm screw

## 3320 Multi-Connector Male Screw Body

	Technical polymer, NBR 	$\varnothing D$	<b>C</b>	<b>C1</b>		<b>Number of Outlets</b>	<b>G</b>	<b>kg</b>
		4	M38x1.5	M32x1.5	<a href="#">3320 04 00 02</a>	2	42	0.046
			M46x1.5	M40x1.5	<a href="#">3320 04 00 04</a>	4	50	0.070
			M46x1.5	M40x1.5	<a href="#">3320 04 00 07</a>	7	50	0.072
			M65x1.5	M58x1.5	<a href="#">3320 04 00 12</a>	12	70	0.136
		6	M38x1.5	M32x1.5	<a href="#">3320 06 00 02</a>	2	42	0.050
			M46x1.5	M40x1.5	<a href="#">3320 06 00 04</a>	4	50	0.070
			M46x1.5	M40x1.5	<a href="#">3320 06 00 07</a>	7	50	0.070
			M38x1.5	M32x1.5	<a href="#">3320 08 00 02</a>	2	45	0.050


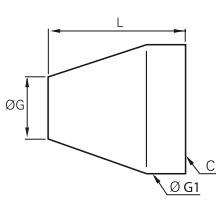

The number of male body outlets must correspond to the same number of outlets on the female body.

## 3321 Multi-Connector Female Screw Body

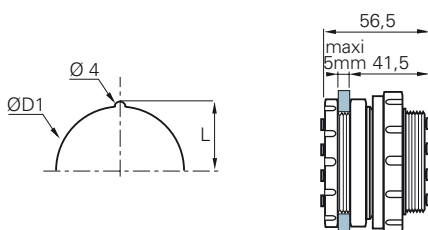
	Technical polymer, NBR 	$\varnothing D$	<b>C</b>	<b>C1</b>		<b>Number of Outlets</b>	<b>G</b>	<b>kg</b>
		4	M38x1.5	M32x1.5	<a href="#">3321 04 00 02</a>	2	45	0.040
			M46x1.5	M40x1.5	<a href="#">3321 04 00 04</a>	4	55	0.065
			M46x1.5	M40x1.5	<a href="#">3321 04 00 07</a>	7	55	0.063
			M65x1.5	M58x1.5	<a href="#">3321 04 00 12</a>	12	75	0.124
		6	M38x1.5	M32x1.5	<a href="#">3321 06 00 02</a>	2	45	0.043
			M46x1.5	M40x1.5	<a href="#">3321 06 00 04</a>	4	55	0.066
			M46x1.5	M40x1.5	<a href="#">3321 06 00 07</a>	7	55	0.064
			M38x1.5	M32x1.5	<a href="#">3321 08 00 02</a>	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 	<b>C</b>		<b>Number of Outlets</b>	<b>G</b>	<b>G1</b>	<b>L</b>	<b>kg</b>
		M32x1.5	<a href="#">3329 00 01</a>	2	32	42	50	0.043
		M40x1.5	<a href="#">3329 00 02</a>	4-7	35	50	55	0.058
		M58x1.5	<a href="#">3329 00 03</a>	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

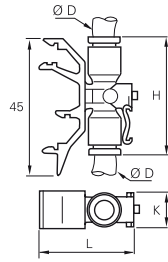
# Modular Plug-In Connectors

**3379**

DIN Rail Connector for 2 Tubes



Technical polymer, NBR



**ØD**



**H K L kg**

4	<a href="#">3379 04 00</a>	34.5	11	39.5	0.016
6	<a href="#">3379 06 00</a>	34.5	11	39.5	0.026
8	<a href="#">3379 08 00</a>	46	13	44.5	0.034

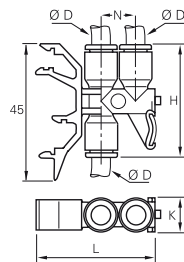
Start pressure test point on the system

**3381**

DIN Rail Connector for 3 Tubes



Technical polymer, NBR



**ØD**



**H K L N kg**

4	<a href="#">3381 04 00</a>	36.5	11	39.5	11.5	0.012
6	<a href="#">3381 06 00</a>	36.5	11	39.5	11.5	0.008
8	<a href="#">3381 08 00</a>	46	13	44.5	14.5	0.013

Start pressure test point on the system





IP 65  
24 V DC  
R 480 007 195  
Pe max = 10 bar