

PLF Female Thread Elbow Push-to-Connect Pneumatic Fitting



Product Overview

PLF is a female thread 90-degree elbow fitting for compact tube-to-thread pneumatic connections.

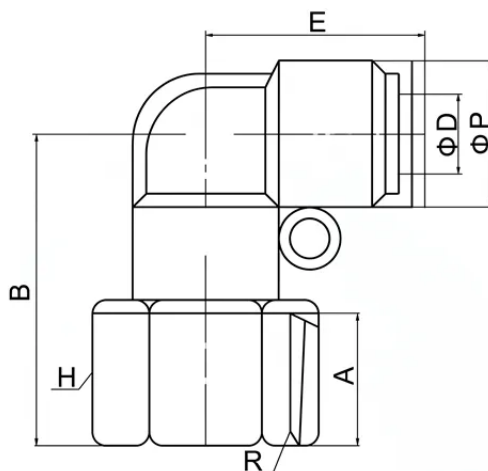
Key Features

- 90-degree elbow structure for directional pneumatic routing.
- Female threaded port for connection to male-threaded equipment.
- Push-to-connect tube installation without special tools.
- Nickel-plated brass construction for corrosion resistance.
- Compact configuration for confined installation spaces.
- Reliable internal sealing for air and vacuum systems.

Technical Specifications

Parameter	Specification
Product Type	Pneumatic Fittings
Structure	Female Thread Elbow (90 Degree)
Connection	Tube to Thread
Installation	Push-to-Connect
Thread Type	M5 / R1/8 / R1/4 / R3/8 / R1/2
Material	Nickel-Plated Brass
Seal Type	Internal Sealing
Operating Fluid	Air / Vacuum / Water (No Freezing)
Working Pressure	0 - 1.0 MPa
Temperature Range	0 - 60 °C
Applicable Tubing	PU / Nylon Tube

Model Selection and Dimensions



Model	D	E	B	P	A	R	H
PLF4-M5	4	18	18.5	11	4.5	M5	10
PLF4-01	4	18	22.5	11	8	R1/8	12
PLF4-02	4	18	24	11	9.5	R1/4	15
PLF6-M5	6	20	20.5	13	4.5	M5	12
PLF6-01	6	20	24.5	13	8	R1/8	12
PLF6-02	6	20	26	13	9.5	R1/4	15
PLF6-03	6	20	27	13	10.5	R3/8	19
PLF6-04	6	20	28	13	11.5	R1/2	24
PLF8-01	8	22	24.5	15	10.5	R1/8	14
PLF8-02	8	22	28	15	9.5	R1/4	15
PLF8-03	8	22	29	15	10.5	R3/8	24
PLF8-04	8	22	30	15	11.5	R1/2	19
PLF10-01	10	26	27.5	18.5	8	R1/8	17
PLF10-02	10	26	27.5	18.5	11	R1/4	17
PLF10-03	10	26	32	18.5	10.5	R3/8	19
PLF10-04	10	26	33	18.5	11.5	R1/2	24
PLF12-01	12	28	29.5	21	8	R1/8	19
PLF12-02	12	28	29.5	21	12.5	R1/4	19
PLF12-03	12	28	34	21	10.5	R3/8	19
PLF12-04	12	28	35	21	11.5	R1/2	24

Product Function

PLF connects pneumatic tubing to a female threaded port while redirecting airflow through a 90-degree elbow.

Applications

- Automation equipment requiring compact directional tube routing.
- Valves, cylinders, manifolds, and machinery with male-threaded ports.

Contact Information

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