

A [PC 1201](#) (often formatted as **PC 12-01**) is a standard **one-touch, push-to-connect male straight pneumatic fitting** designed to connect air tubing to threaded components. [[1](#), [2](#), [3](#)]

## Decoding the Part Number

Pneumatic fitting nomenclature uses specific codes to denote the shape, tube width, and thread size: [[1](#), [2](#)]

- **PC:** Represents the style, which is a **Straight Male Connector**.
- **12:** Dictates the outer diameter (OD) of the applicable pneumatic tubing, which is **12 mm**.
- **01:** Dictates the connection thread size, which is **1/8 inch** (usually BSPT, PT, or R thread depending on the manufacturer). [[1](#), [2](#), [3](#), [4](#), [5](#)]

## Technical Specifications

- **Tube Connection:** 12 mm Push-in (for Polyurethane, Nylon, or Teflon tubing).
- **Thread Connection:** 1/8" Male NPT / BSPT / PT.
- **Working Pressure Range:** 0 to 150 PSI (0 to 1.0 MPa / 10 kgf/cm<sup>2</sup>).
- **Working Medium:** Compressed air or vacuum.
- **Material Composition:** Typically features a nickel-plated brass or stainless steel body with a release sleeve. [[1](#), [2](#), [3](#), [4](#), [5](#), [6](#)]