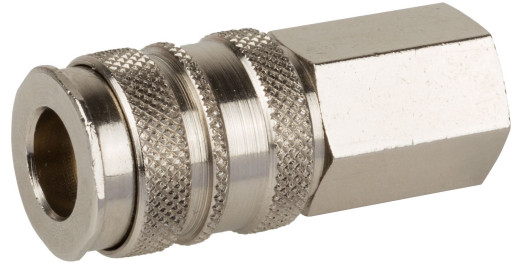


## AVENTICS Series CP1 Couplings

The AVENTICS Series CP1 of safe couplings using single snap-on coupling are robust and safe.



## Technical data

|                                |                      |
|--------------------------------|----------------------|
| Industry                       | Industrial           |
| Note                           | with internal thread |
| Port D                         | NW 7,8               |
| Port G                         | G 1/4                |
| Compressed air connection type | Internal thread      |
| Nominal width NW               | 7.8 mm               |
| Nominal flow Qn                | 1950 l/min           |
| Min. working pressure          | 0 bar                |
| Max. working pressure          | 35 bar               |
| Min. ambient temperature       | -20 °C               |
| Max. ambient temperature       | 100 °C               |
| Min. medium temperature        | -20 °C               |
| Max. medium temperature        | 100 °C               |
| Medium                         | Compressed air       |
| Delivery unit                  | 1 piece              |
| Weight per piece               | 0.1 kg               |
| Housing material               | Brass                |
| Surface housing                | nickel-plated        |
| Material release bushing       | Steel                |

# Lock coupling, Series CP1

1823376037

Series CP1

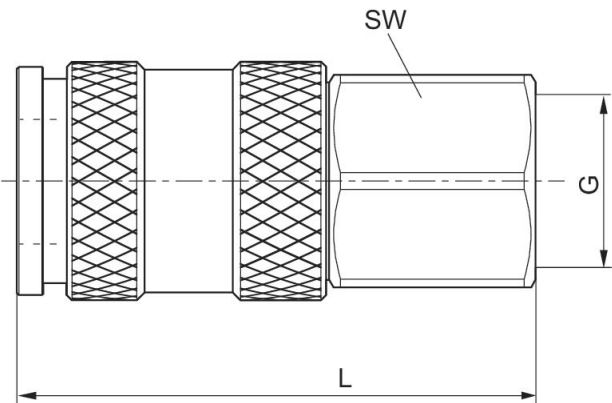
2025-12-03

|                         |                                |
|-------------------------|--------------------------------|
| Surface release bushing | nickel-plated                  |
| Seal material           | Acrylonitrile butadiene rubber |
| Material connector      | Brass                          |
| Surface connector       | nickel-plated                  |
|                         | 1823376037                     |

## Technical information

Coupling plugs with NW 7.2 (brass) as well as NW 7.8 (steel) fit couplings with NW 7.8.  
Nominal flow Qn at 6 bar and  $\Delta p = 1$  bar

## Dimensions



| Part No.          | Port G | Nominal width NW | L    | SW |
|-------------------|--------|------------------|------|----|
| <b>1823376037</b> | G 1/4  | 7,8 mm           | 54.3 | 19 |
| 1823376038        | G 3/8  | 7,8 mm           | 54.3 | 19 |
| 1823376039        | G 1/2  | 7,8 mm           | 56   | 24 |