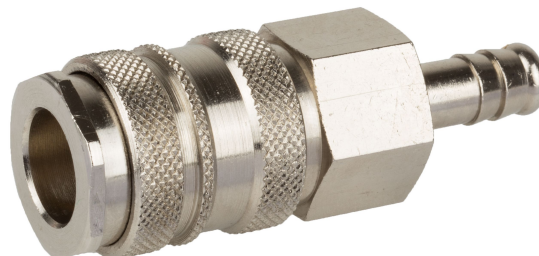


## AVENTICS Series CP1 Couplings

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



## Technical data

|                                |                |
|--------------------------------|----------------|
| Industry                       | Industrial     |
| Port D                         | NW 7,8         |
| Port G                         | Ø 8            |
| Compressed air connection type | Collar         |
| 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               | 0.095 kg       |
| Housing material               | Brass          |
| Surface housing                | nickel-plated  |
| Material release bushing       | Steel          |
| Surface release bushing        | nickel-plated  |

# Lock coupling, Series CP1

1823376041

Series CP1

2025-12-03

|                    |                                |
|--------------------|--------------------------------|
| Seal material      | Acrylonitrile butadiene rubber |
| Material connector | Brass                          |
| Surface connector  | nickel-plated                  |
|                    | 1823376041                     |

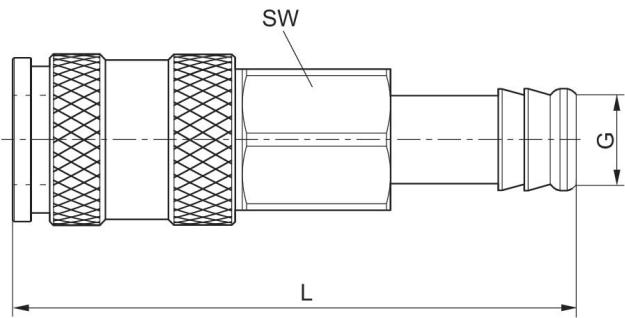
## Technical information

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

It is recommended to secure the hose to the coupling with a tubing clamp.

## Dimensions



| Part No.          | Port G | Nominal width NW | L    | SW |
|-------------------|--------|------------------|------|----|
| 1823376040        | Ø 6.3  | 7,8 mm           | 70.3 | 19 |
| <b>1823376041</b> | Ø 8.3  | 7,8 mm           | 70.3 | 19 |
| 1823376042        | Ø 10.3 | 7,8 mm           | 70.3 | 19 |
| 1823376043        | Ø 13.3 | 7,8 mm           | 70.3 | 19 |