

AVENTICS Series CP1 Couplings

The AVENTICS Series CP1 of safe couplings using single snap-on coupling are robust, safe and fit two different plug-in profiles, the EURO- profile and the ARO profile.



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 | 1800 l/min |
| Min. working pressure | 0 bar |
| Max. working pressure | 16 bar |
| Min. ambient temperature | -10 °C |
| Max. ambient temperature | 90 °C |
| Min. medium temperature | -10 °C |
| Max. medium temperature | 90 °C |
| Medium | Compressed air |
| Delivery unit | 1 piece |
| Weight per piece | 0.16 kg |
| Housing material | Brass |
| Surface housing | nickel-plated |
| Material release bushing | Brass |
| Surface release bushing | nickel-plated |

Safety coupling, Series CP1

2024-02-20

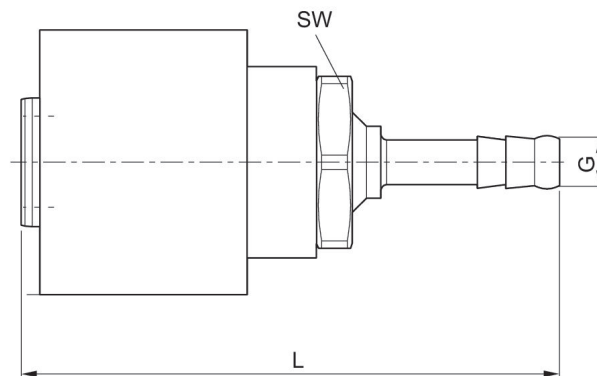
1823376025

| | |
|--------------------|--------------------------------|
| Seal material | Acrylonitrile butadiene rubber |
| Material connector | Brass |
| Surface connector | nickel-plated |
| | 1823376025 |

Technical information

On pushing the release bushing back, the coupling plug is released but remains locked. The coupling valve closes and the air line is simultaneously vented. Actuate the release bushing once more for safe uncoupling.

Dimensions



| Part No. | Port G | Nominal width NW | L | SW |
|------------|--------|------------------|----|----|
| 1823376024 | Ø 6 | 7,8 mm | 76 | 24 |
| 1823376025 | Ø 8 | 7,8 mm | 76 | 24 |
| 1823376026 | Ø 10 | 7,8 mm | 76 | 24 |
| 1823376027 | Ø 13 | 7,8 mm | 76 | 24 |