

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	2150 l/min
Min. working pressure	0 bar
Max. working pressure	12 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	0.16 kg
Housing material	Steel, chrome-plated
Material release bushing	Plastic
Seal material	Acrylonitrile butadiene rubber
Material connector	Brass

Safety coupling, Series CP1

1823376025

Series CP1

2025-12-03

Surface connector

nickel-plated

1823376025

Technical information

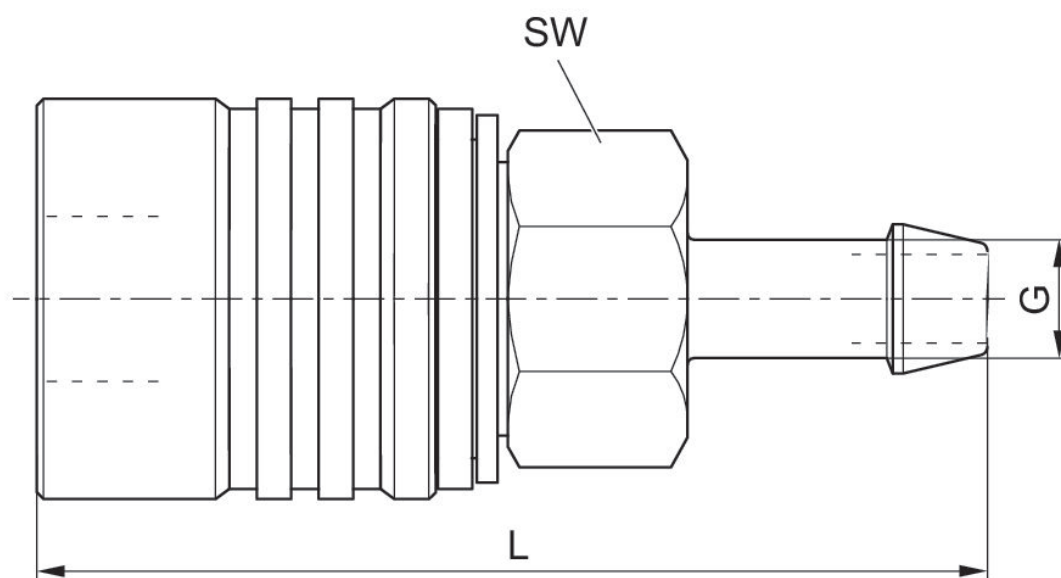
On pushing the release bushing back, the coupling plug is released but remains locked. The coupling valve closes and the air line is simultaneously vented. Actuate the release bushing once more for safe uncoupling.

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

Nominal flow Q_n at 6 bar and $\Delta p = 1$ bar

Coupling plugs with NW 7.2 (brass) as well as NW 7.8 (steel) fit couplings with NW 7.8.

Dimensions



Part No.	Port G	Nominal width NW	L	SW
1823376024	Ø 6	7,8 mm	72	21
1823376025	Ø 8	7,8 mm	72	21
1823376026	Ø 10	7,8 mm	72	21
1823376027	Ø 13	7,8 mm	72	21