

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 1/2
Compressed air connection type	Internal thread
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	0.175 kg
Housing material	Steel, chrome-plated
Material release bushing	Plastic
Seal material	Acrylonitrile butadiene rubber

Safety coupling, Series CP1

1823376033

Series CP1

2025-12-03

Material connector

Brass

Surface connector

nickel-plated

1823376033

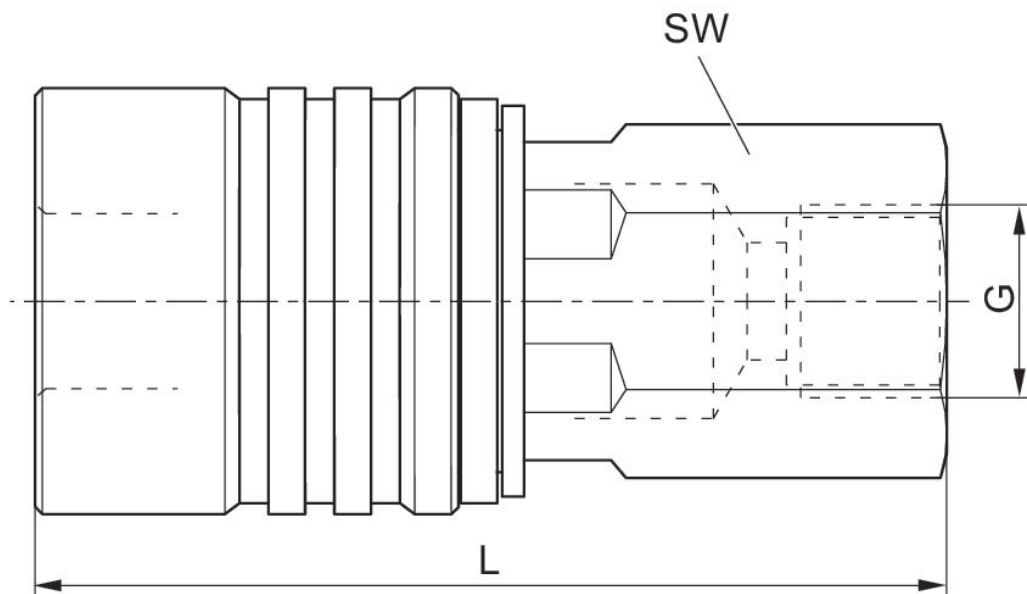
Technical information

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.

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

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

Dimensions



Part No.	Port G	Nominal width NW	L	SW
1823376031	G 1/4	7,8 mm	60	21
1823376032	G 3/8	7,8 mm	60	21
1823376033	G 1/2	7,8 mm	62	24