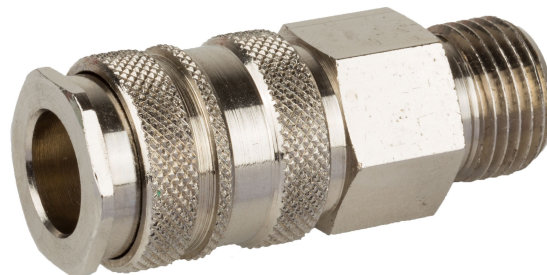


AVENTICS Series CP1 Couplings

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



Technical data

Industry	Industrial
Note	with external thread
Port D	NW 7,8
Port G	G 1/2
Compressed air connection type	External 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	0.095 kg
Housing material	Brass
Surface housing	nickel-plated
Material release bushing	Steel

Lock coupling, Series CP1

1823376036

Series CP1

2025-12-03

Surface release bushing

nickel-plated

Seal material

Acrylonitrile butadiene rubber

Material connector

Brass

Surface connector

nickel-plated

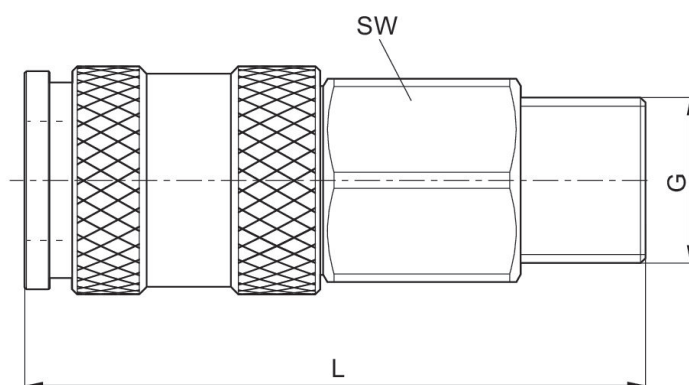
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Technical information

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
1823376034	G 1/4	7,8 mm	56.3	19
R412026433	G 1/4	7,8 mm	59.8	19
1823376035	G 3/8	7,8 mm	56.3	19
1823376036	G 1/2	7,8 mm	50.3	22