

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 1/4

Compressed air connection type

External 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

0.17 kg

Housing material

Steel, chrome-plated

Material release bushing

Plastic

Seal material

Acrylonitrile butadiene rubber

Safety coupling, Series CP1

1823376028

Series CP1

2025-07-03

Material connector

Brass

Surface connector

nickel-plated

1823376028

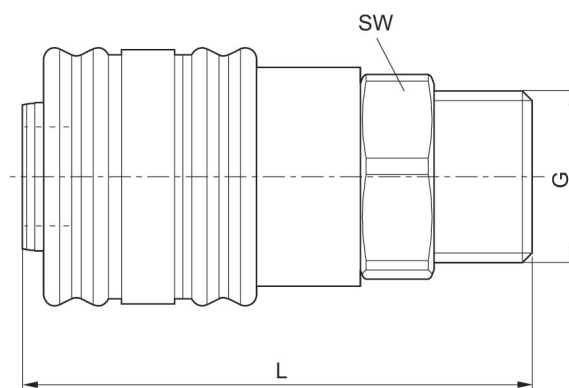
Technical information

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
1823376028	G 1/4	7,8 mm	56.5	21
1823376029	G 3/8	7,8 mm	56.5	21
1823376030	G 1/2	7,8 mm	59.5	24