C00GL
In-line non-return valve

— Port size: ø 4 ... 12 mm
— High flow performance

Technical features

Medium:
Compressed air

Operating pressure:
0,2 ... 10 bar (2 ... 145 psi)

Tube sizes:
4 ... 12 mm

Tubing types:
PA 11 or 12
PU 85, 95 or 98 durometer

Ambient/Media temperature:
0 ... +60°C (+32 ... 140°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:
Body: PBT
Tube ø 10 & 12 mm: Aluminium
Seals: NBR
u-packing and O-rings
Release sleeve and backing ring: POM
Grab-ring: Stainless steel
Collar: ZNDC

Option selector

C00GL★★00

O/D tube size	Substitute
4	4
6	6
8	8
10	10
12	12

Method of assembly

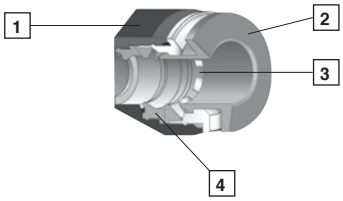
1. Ensure that the end of the tube is cut square and is free from burrs.

2. Push the tube through the collet into the fitting.

3. Continue pushing the tube through the 'O'-ring until it bottoms on the tube stop then pull back.

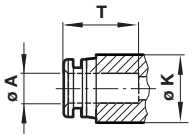
4. To disconnect push the tube into the fitting, hold down the collet and withdraw the tube.

Components



1. Impact resistant PBT body in black
2. Release buttons are red for metric, grey for inch
3. Stainless steel grab ring with special design to retain softer tube and provide easy releasability.
4. Silicon free U-packing provides leak tight tube seal under side loading.

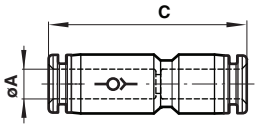
Technical data



ø A	ø K	T *1)
4	10,5	15
6	12,5	16,5
8	14,5	18,5
10	17,5	20
12	20,5	23

*1) Dimensions here and in the individual tables refer to the collet being in the 'IN' position.

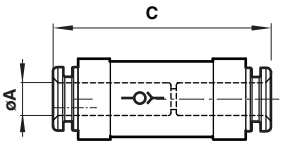
In-line non-return valve (PBT) C00GL



ø A	C	Model
4	42	C00GL0400
6	47,5	C00GL0600
8	55,5	C00GL0800

In-line non-return valve (Aluminium) C00GL

Dimensions in mm
Projection/First angle



ø A	C	Model
10	65	C00GL1000
12	73	C00GL1200

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren Ltd.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.