

- > 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°C ... +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

### Options selector

**C00GL★★00**

O/D tube size	Substitute
4	04
6	06
8	08
10	10
12	12

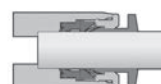
### Method of assembly



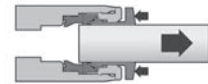
1. Ensure that the end of the tube is cut square and is free from burrs.



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

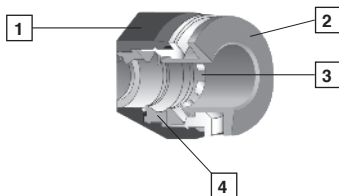


3. Continue pushing the tube through the 'O'-ring until it bottoms on the tube stop then pull back.



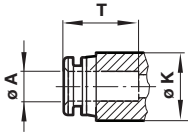
4. To disconnect push the tube into the fitting, hold down the collet and withdraw the tube.

### 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.

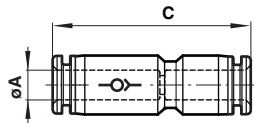
**Technical data**



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.

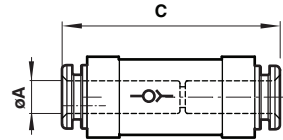
**In-line non-return valve (PBT)  
C00GL**



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 IMI NORGREN.

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.