

- Compact size/low weight/ in-line units.**
- High flow performance.**
- Suitable for panel and wall mounting.**
- Two gain flow control.**
- Adjustment can be locked.**
- Captive regulator needle will not blow out when unscrewed.**
- Adjusting knob position line**

**Technical data**

Medium:  
Compressed air, filtered, lubricated  
or non-lubricated, inert gases

Operating pressure:  
0 to 10 bar

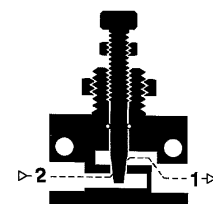
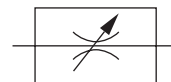
Ambient temperature:  
-20°C to +80°C  
(consult our Technical Service  
for use below +2°C)

**Materials:**

Body: aluminium alloy  
Seals: nitrile  
Needle & internal parts: brass  
External parts: aluminium alloy

**Ordering example**

Flow regulator G1/8  
Type: T1100C1800



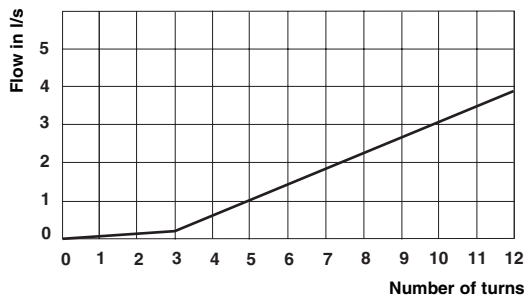
### General information

Typ	Port size	Function	Max. regulated flow factor		Critical pressure ratio (b)	Min. operating pressure (bar)	kg
			C*	Cv			
T1100C1800	G1/8	B-directional	0,57	0,14	0,2	0	0,031
T1100C2800	G1/4	B-directional	1,3	0,32	0,2	0	0,056

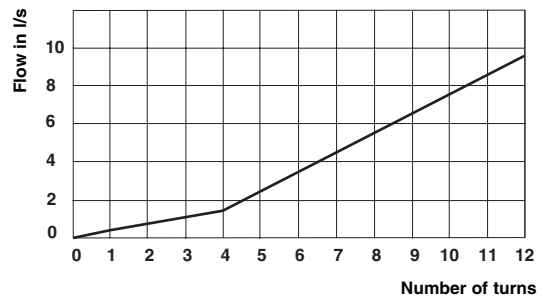
C\*: measured in US gal/min.

### Flow vs turns at 6 bar – flow in dm<sup>3</sup>/s ANR

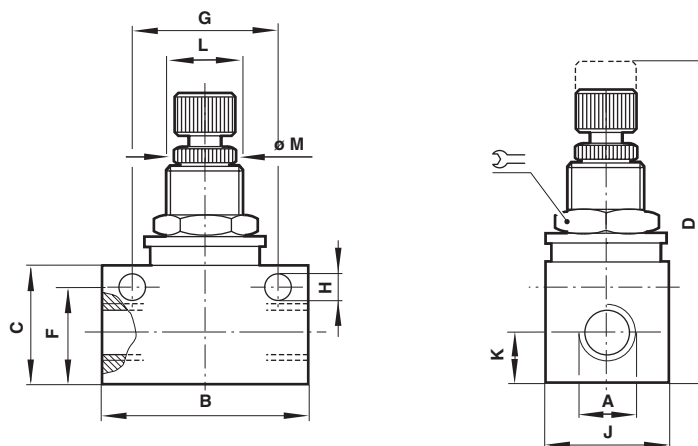
#### T1100C1800 (1/8 BSPP)



#### T1100C2800 (1/4 BSPP)



### Dimensions



Typ	A	B	C	D	F	G	H	J	K	L	M		Panel-hole	Max. panel thickness
T1100C1800	G1/8	34,0	20,0	51,0	16,5	24,0	4,5	16,0	8,0	M12 x 1	Ø10	14	12,5	4,0
T1100C2800	G 1/4	45,0	25,4	61,5	20,8	32,0	4,5	19	9,5	M14 x 1	Ø10	17	14,5	4,0

For NPT ranges, substitute A at the 6th digit, e.g. T1100A1800

### 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 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. 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.