



- Port size: G1/2"
- Balanced valve design for optimum pressure control
- Push to lock knob with tamper resistant accessory

This upstream connection pressure reducer is a diaphragm pressure regulator with secondary venting for lowering the pressure of externally supplied compressed air. The settings are made by means of a handwheel. The set reduced pressure can be read on a pressure gauge.

**Explosion protection**

Marking ATEX      II 2 GD  
 Ex h IIC T6 Gb  
 Ex h IIC T85°C Db

Other approvals and certificates, see [www.bartec.de](http://www.bartec.de)

**Ambient conditions**

Ambient-/ Mediumstemperature      -20 °C to +65 °C  
 Air supply must be dry enough to avoid ice formation at temperatures below +2 °C

for Ex p operating equipment      Zone 1 and 2

**Technical data**

Controls	Knob for setting the air pressure; Push to lock secures the hand-wheel in place
Installation	The mounting position is optional, pay attention to the flow direction marking (arrow) on the enclosure; Mounting in cabinet borehole dia. 21 mm.
max. input pressure (p1)	20 bar
Pressure regulation range (p2)	0.3 to 10 bar, infinitely variable
Connections	Air connection G 1/2" Pressure gauge connection G 1/8"
Nominal flow rate (QN)	7500 l/min max.
Weight	with pressure gauge approx. 0.59 kg
Material	Body: Die cast aluminium Bottom covers: Acetal Bonnet: POM / Aluminium Valve: PP Elastomers: NBR
Scope of supply	- Pressure reducer - Assembly material

