

## iQ ADAPT

### Adjustable outlet point



#### Product features

Developed to easily replace existing outlet points in central gas systems with our "Easy to Adapt" solution.

This product combines compact design with precision and durability to meet various demands and needs.

- **Compact design:** Optimized to take up minimal space
- **Adjustable precision flow:** Can be adjusted to ensure precise flow for increased accuracy.
- **Adaptable:** Can be easily customized to meet specific needs and requirements.
- **Easy installation:** Plug & play solution for quick and easy installation.
- **Durable construction:** Built to withstand demanding environments and working conditions.
- **Built in-safety valve:** Ensures the highest possible safety level for user protection.

#### Technical data

Type	1-stage / pipeline
Gas	Ar/mix / Formier / Hydrogen / Nitrogen
Temperature range	-20°C to +60°C

#### **Pressure / Flow**

Inlet pressure P <sub>1</sub>	40 bar
Outlet pressure P <sub>2</sub>	0-7,5 bar

#### **Materials:**

Body	CW 614N
Valve seat	KEL-F
Diaphragm	NBR
Valve cap	Aluminum EN 6026
Hand wheel	ZINK, ZP0410

#### **Connections:**

Inlet	G3/8"
Outlet	G3/8"

### Flow rates Q (m<sup>3</sup>/ h)

The chart below indicates approximate values of the flow rate in standard cubic meters of air at operating conditions.

Flow rate for other types of gas can be calculated by using the conversion factors from the table down below.

Inlet pressure P <sub>1</sub> (BAR)	Flow rate Q at P <sub>2</sub> (BAR) for air					
	0,5	1	3	5	6	7,5
40	22L/min	50L/min	120L/min	150L/min	170L/min	180L/min
20	20L/min	60L/min	120L/min	145L/min	160L/min	165L/min
10	25L/min	45L/min	110L/min	130L/min	140L/min	150L/min
5	22L/min	34L/min	88L/min	110L/min		

### Conversion factor

Gas	Factor
Argon	0,84
Helium	2,65
Carbon Dioxide	0,8
Oxygen	0,94
Nitrogen	1,02
Hydrogen	3,72

### Dimensions

