RTZ-50/0.4FQZ Gas Pressure Regulator

Mid/Low-Pressure Industrial & Commercial Regulation



Product appearance for reference

MAIN TECHNICAL PARAMETERS

Nominal Size (DN) **DN50**	Construction Type **Spring-loaded direct-acting, integrated regulation and shut-off**
Max. Inlet Pressure **P1max=0.4 MPa**	Outlet Pressure Range **P2=1.5 ~ 50 KPa**
Accuracy Class **Up to AC5**	Lock-up Pressure Class **Up to SG10**
Operating Temperature **-20 ~ 60℃**	Connection Type **Flanged DN50 PN16**
Applicable Medium **Natural gas, manufactured gas, LPG and other non-corrosive gases**	Safety Configuration **Integrated overpressure/under-pressure shut-off**

PRODUCT FEATURES

- Modular design; simple pressure setting
- Integrated overpressure/under-pressure shut-off
- Integrated regulation and shut-off; wide regulation pressure range (1.5 ~ 50 KPa); higher safety and reliability
- Balanced valve core construction
- Easy installation and maintenance

Flow Capacity

Unit m³/h · Standard-condition flow

Outlet ↓ Inlet →	Inlet Pressure (MPa)					
	Outlet (kPa)	0.02	0.05	0.1	0.2	0.3
1.5	120	180	260	420	520	620
2.4	120	180	280	430	530	650
3	120	200	300	450	550	650
5	120	200	300	450	550	650
8	120	180	300	450	550	650
10	—	180	300	450	550	650
20	—	160	300	450	550	650
30	—	150	300	450	550	650
40	—	—	300	450	550	650
50	—	—	300	450	550	650

Rows = outlet pressure (kPa); columns = inlet pressure (MPa). Values for natural gas (relative density 0.61) at standard conditions.

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**

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