

Specification of the products:

Operating fluid	Natural gas		
Application of the products in construction	ALz-6U/AB, ALz-6U/BD, ALz-6U/CE types of gas pressure regulators are devices designed to control the inlet pressure of natural gas in gas supply systems. The installation must be carried out in accordance with the provisions of ČSN EN 12279:2001. The regulators are classified in Group „B“, Class II. The regulators are not declared as fire-resistant.		
Outlet pressure	2 kPa		
Closing pressure	< 2.6 kPa		
Safety relief valve pressure	2.9 to 3.5 kPa		
Safety quick-closing device – pressure $p_{b \max}$	3.6 to 5 kPa		
Safety quick-closing device – pressure $p_{b \min}$	0.5 to 1.5 kPa		
Class of lock-up pressure zone	SZ 10		
Accuracy class	AC 15		
Ambient temperature	- 20 °C to + 50 °C		
Body design	direct		
Connection – Inlet – Outlet	flange DN 25, PN 16 flange DN 32, PN 6		
Material – Valve body – Regulator cover – Regulator body – Nozzle – Sealing, Regulation plug, Diaphragm	42 2425 42 4337.03 42 4330.31 42 3223.31 Mixture ZGS KO 100/1, ZGS KO 713		
Types	ALz-6U/AB	ALz-6U/BD	ALz-6U/CE
Inlet supply pressure [kPa]	50 up to 100	100 up to 300	200 up to 400
Maximum/minimum flow rate [m ³ /h]	90/50	140/40	150/50

RULES FOR USING THE CERTIFICATE:

Compliance with the essential requirements of Government Regulation 163/2002 Coll., as amended, has been derived from fulfilment of the requirements set out in the Technical Construction Certificate. The facts and the conditions, under which the present Certificate has been issued, may change due to amendments of harmonized or determined standards, issuance of new standards applicable to the certified products or due to expiration of the Technical Construction Certificate validity. In that case, the usability of the Certificate for the purposes of issuing declarations of conformity for the products being placed on the market must be reviewed.

This Certificate may only be used as a certificate for the products specified on Pages 1 and 2. This also applies to its use in advertising, promotional and commercial materials. Unauthorised or deceptive use of the Certificate may be sanctioned (Section 19 of Act 22/1997 Coll., on technical requirements for products and on the amendment to certain Acts, as amended).

It is prohibited to change, amend or overwrite the data contained in the Certificate.

The Certificate may not be used for the products changed without the consent of the Engineering Test Institute, Public Enterprise, in such a way that conformity with the technical requirements specified on Page 1 has been affected.

