

EC type examination certificate
EG-Baumusterprüfbescheinigung

CE-0085AQ0410

Product Identification No.
 Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Pressure Equipment Directive (2014/68/EU) <i>EG-Druckgeräterichtlinie (2014/68/EU)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	MEDENUS Gas-Druckregeltechnik GmbH Im Langen Feld 3, D-57462 Olpe
Distributor <i>Vertreiber</i>	MEDENUS Gas-Druckregeltechnik GmbH Im Langen Feld 3, D-57462 Olpe
Product Category <i>Produktart</i>	accessories for gas appliances/pressure equipment: Governor for natural gas and all-gas (4101)
Product Description <i>Produktbezeichnung</i>	Gas pressure regulator as a spring-loaded proportional regulator with double seat regulation valve
Model <i>Modell</i>	R 100; R 100-U
Test Reports <i>Prüfberichte</i>	laboratory control test: 02-1391-GDW from 03.05.2022 (EBI)
Test Basis <i>Prüfgrundlagen</i>	2014/68/EU A III B Baumusterprüfung (15.04.2014) DIN EN 334 (01.07.2009)

Date of Expiry / File No. 30.07.2032 / 22-0438-GDV
Ablaufdatum / Aktenzeichen

25.11.2022 Kir A-1/2
 Date, Issued by, Sheet, Head of Certification Body
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle



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Gas Category <i>Gasart</i>	Remarks <i>Bemerkungen</i>
fuel gases of the 1., 2. & 3. gas family	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
R 100 ...	nominal diameter: DN 50 max. allowable pressure PS: 8 bar	
R 100 ...	nominal diameter: DN 80 max. allowable pressure PS: 8 bar	
R 100 ...	nominal diameter: DN 100 max. allowable pressure PS: 8 bar	
R 100 ...	nominal diameter: DN 150 max. allowable pressure PS: 8 bar	
R 100 ...	nominal diameter: DN 200 max. allowable pressure PS: 8 bar	

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
R 100	
R 100-U	

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

Connections: Both sides flanges PN 16 acc. DIN EN 1092-4 or ASME Class 150 RF
 Operating temperature range: -20...+60 °C, class 2
 Outlet pressure range: 0,008 ... 1,2 bar
 Strength type: IS
 R100: Fail-open
 R100-U: Fail-close
 Accuracy class AC/ lock up pressure group SG/ class of lock-up pressure zone SZ:
 Pu 0,008 ... 0,022 bar: AC 10/ SG 50/ SZ 10
 Pu 0,022 ... 1,2 bar: AC 10/ SG 20/ SZ 10
 Shut off accuracy: AG 10
 Body material: Cast aluminium EN AC-42100 ST6