

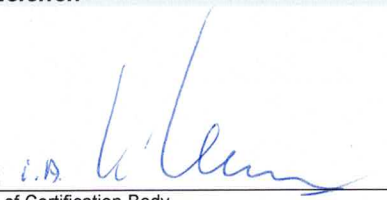
**EC type examination certificate**  
**EG-Baumusterprüfbescheinigung**

**CE-0085AQ0410**

Product Identification No.  
 Produkt-Identnummer

<b>Field of Application</b> <i>Anwendungsbereich</i>	EC Pressure Equipment Directive (2014/68/EU) <i>EG-Druckgeräterichtlinie (2014/68/EU)</i>
<b>Owner of Certificate</b> <i>Zertifikatinhaber</i>	MEDENUS Gas-Druckregeltechnik GmbH Im Langen Feld 3, D-57462 Olpe
<b>Distributor</b> <i>Vertreiber</i>	MEDENUS Gas-Druckregeltechnik GmbH Im Langen Feld 3, D-57462 Olpe
<b>Product Category</b> <i>Produktart</i>	accessories for gas appliances/pressure equipment: Governor for natural gas and all-gas (4101)
<b>Product Description</b> <i>Produktbezeichnung</i>	Gas pressure regulator as a spring-loaded proportional regulator with double seat regulation valve
<b>Model</b> <i>Modell</i>	R 100; R 100-U
<b>Test Reports</b> <i>Prüfberichte</i>	type testing: 12/008b/4301/115 from 05.10.2012 (EBI) supplement test: 12/0008c/4301/115 from 14.12.2012 (EBI)
<b>Test Basis</b> <i>Prüfgrundlagen</i>	2014/68/EU A III B Baumusterprüfung (15.04.2014) DIN EN 334 (01.07.2009)

**Date of Expiry / File No.** 30.07.2022 / 20-0415-GDU  
**Ablaufdatum / Aktenzeichen**

17.05.2021 Kö A-1/2   
 Date, Issued by, Sheet, Head of Certification Body  
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle



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

<b>Type</b> <i>Typ</i>	<b>Technical Data</b> <i>Technische Daten</i>	<b>Remarks</b> <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	

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

#### Hints of Utilization / Remarks

##### *Verwendungshinweise / Bemerkungen*

Connection: 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