

**EU type examination certificate**  
**EU-Baumusterprüfbescheinigung**

**CE-0085AQ0410**  
Product Identification No.  
Produkt-Identnummer

<b>Field of Application</b> <i>Anwendungsbereich</i>	EU Gas Appliances Regulation (EU/2016/426) <i>EU-Gasgeräteverordnung (EU/2016/426)</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>Countries of Destination</b> <i>Bestimmungsländer</i>	European Union
<b>Test Reports</b> <i>Prüfberichte</i>	type testing: 17/340/4101/210 from 18.12.2017 (EBI)
<b>Test Basis</b> <i>Prüfgrundlagen</i>	EU/2016/426 A III B (09.03.2016) DIN EN 334 (01.07.2009)

**Date of Expiry / File No.** 05.02.2028 / 20-0415-GEU  
**Ablaufdatum / AZ**

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



DVGW CERT GmbH  
Zertifizierungsstelle  
Josef-Wirmer-Str. 1-3  
53123 Bonn  
Tel. +49 228 91 88 - 888  
Fax +49 228 91 88 - 993  
www.dvgw-cert.com  
info@dvgw-cert.com

<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	

<b>Hints of Utilization /Remarks</b> <i>Verwendungshinweise / Bemerkungen</i>
<p>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</p>