

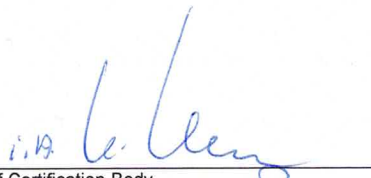
**EC type examination certificate**  
**EG-Baumusterprüfbescheinigung**

**CE-0085CR0137**

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>	gas fittings: Pressure regulator for natural gas and all-gas (4301)
<b>Product Description</b> <i>Produktbezeichnung</i>	Direct-acting pressure regulator with internal or external pulse pick-up
<b>Model</b> <i>Modell</i>	R 51
<b>Test Reports</b> <i>Prüfberichte</i>	supplement test: 18/263/4301/210 from 18.10.2018 (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.** 18.04.2026 / 20-0415-GDU  
**Ablaufdatum / Aktenzeichen**

10.05.2021 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 51	nominal diameter: DN 25 max. allowable pressure PS: 16 bar	

<b>Type Variation</b> <i>Ausführungsvariante</i>	<b>Explanations</b> <i>Erläuterungen</i>
R 51	optionally with internal or external measuring pipe

### Hints of Utilization / Remarks

#### *Verwendungshinweise / Bemerkungen*

Connection: both sides flanges PN 16 acc. DIN EN 1092-4 or ASME B 16.5 Class 150 RF  
 Working temperature range: -10 °C ... +60 °C: for pd < 50 mbar; -20 °C ... +60 °C: for pd >= 50 mbar; class 2  
 Strength type: IS  
 Function in the event of failure: fail-open  
 Leading range: 20 ... 3000 mbar  
 Regulation accuracy class AC:  
 20 mbar ... 100 mbar: AC 10  
 100 mbar ... 500 mbar: AC 5  
 500 mbar ... 3000 mbar: AC 2,5  
 Lock up pressure group SG:  
 20 mbar ... 50 mbar: SG 20 only -10 °C ... +60 °C  
 50 mbar ... 100 mbar: SG 20  
 100 mbar ... 500 mbar: SG 10  
 500 mbar ... 3000 mbar: SG 10  
 Body material: cast aluminum EN AC-42100 S T6