

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

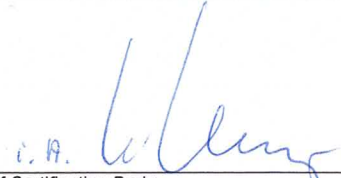
**CE-0085AQ0883**

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>	gas fittings: Pressure regulator for natural gas and all-gas (4301)
<b>Product Description</b> <i>Produktbezeichnung</i>	Pressure regulator optional with safety shut-off valve (SAV) for upper and lower shut down pressure and/or pilot support
<b>Model</b> <i>Modell</i>	R/RS/RP/RSP 251, R/RS/RP/RSP 255
<b>Countries of Destination</b> <i>Bestimmungsländer</i>	European Union
<b>Test Reports</b> <i>Prüfberichte</i>	supplement test: 19-00171-210 from 29.01.2020 (EBI)
<b>Test Basis</b> <i>Prüfgrundlagen</i>	EU/2016/426 A III B (09.03.2016) DIN EN 334 (01.11.2019) DIN EN 14382 (01.11.2019)
<b>Date of Expiry / File No.</b> <i>Ablaufdatum / AZ</i>	05.03.2028 / 20-0415-GEU

70028-01-A-DE



17.05.2021 Kö A-1/2   
 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/RS/RP/RSP 251, R/RS/RP/RSP 255	nominal diameter: DN 50	
R/RS/RP/RSP 251, R/RS/RP/RSP 255	nominal diameter: DN 80	
R/RS/RP/RSP 251, R/RS/RP/RSP 255	nominal diameter: DN 100	

<b>Type Variation</b> <i>Ausführungsvariante</i>	<b>Explanations</b> <i>Erläuterungen</i>
R	pressure regulator
RS	pressure regulator with SAV
RP	pressure regulator with pilot support (pilots R70-10, R70-20, R70-100 for the SAV K70-10)
RSP	pressure regulator with SAV and pilot support
R/RS/RP/RSP 251	max allowable pressure PS = 8 bar, nominal pressure PN 8
R/RS/RP/RSP 255	max allowable pressure PS = 16 bar, nominal pressure PN 16
R/RS/RP/RSP 251; R/RS/RP/RSP 255	temperature range: -20°C to 60°C, class 2

#### 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

Function class: A and B

Resounding time:  $\leq 1$  s

strength type: IS

Operating temperature range: -20...+60 °C

Direct-acting gas pressure regulator: Fail-Open regulator

Regulation accuracy class AC/ lock up pressure group SG:

18 mbar ... 100 mbar: AC 10/ SG 20

100 mbar ... 500 mbar: AC 5/SG 10

500 mbar ... 1500 mbar: AC 2,5/ SG 10

1000 mbar ... 3000 mbar: AC 5/SG 10 (only regulation device 205/275-2)

Indirect-acting gas pressure regulator: Fail-Close regulator

Accuracy class AC/lock up pressure group SG:

10...20 mbar: AC 10/SG 50

20...50 mbar: AC 5/SG 20

50...500 mbar: AC 5/SG 10

500...2500 mbar: AC 2,5/SG 10

2500...5000 mbar: AC 1/SG 10

>5000 mbar: AC 1/SG 5

Upper response group AG of the safety shut of valve:

50 mbar ... 100 mbar: AG 10

100 mbar ... 500 mbar: AG 5

>500 mbar: AC 2,5

Lower response group AG of the safety shut of valve:

10 mbar ... 30 mbar: AG 20

30 mbar ... 50 mbar: AG 10

>50 mbar: AC 5

Body material: aluminium casting EN AC-42100 S T6

