

# EC type examination certificate

## EG-Baumusterprüfbescheinigung

**CE-0085AQ0883**

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>	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>Test Reports</b> <i>Prüfberichte</i>	supplement test: 19-00171-210 from 29.01.2020 (EBI)
<b>Test Basis</b> <i>Prüfgrundlagen</i>	2014/68/EU A III B Baumusterprüfung (15.04.2014) DIN EN 334 (01.11.2019) DIN EN 14382 (01.11.2019)
<b>Date of Expiry / File No.</b> <i>Ablaufdatum / Aktenzeichen</i>	31.07.2022 / 20-0250-GDU

70208-04-A-DE



07.07.2020 Kö A-1/2

Date, Issued by, Sheet, Head of Certification Body  
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle



DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN ISO/IEC 17065:2013 and notified by the government of the Federal Republic of Germany for certification of pressure equipment under EC Directive

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013 akkreditierte und von der Deutschen Bundesregierung benannte Stelle für die Zertifizierung von Druckgeräten und Baugruppen gemäß Richtlinie



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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/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

Accuracy class AC/ lock up pressure group SG, pressure regulator without pilot:

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

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

500 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, pressure regulator with pilot:

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

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

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