

# EU type examination certificate

## EU-Baumusterprüfbescheinigung

**CE-0085AQ0881**

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 a single valve seat
<b>Model</b> <i>Modell</i>	R/RP 101; R/RP 105
<b>Countries of Destination</b> <i>Bestimmungsländer</i>	European Union
<b>Test reports</b> <i>Prüfberichte</i>	Supplement test: 20-00384-210 from 20.01.2021 (EBI) Supplement test: 20-00384-AB01-210 v2 from 01.06.2021 (EBI) Supplement test: 20-00384-AB01-210 v4 from 26.10.2021 (EBI)
<b>Test basis</b> <i>Prüfgrundlagen</i>	EU/2016/426 A III B (09.03.2016) DIN EN 334 (01.11.2019)
<b>Date of Expiry / File No.</b> <i>Ablaufdatum / AZ</i>	05.02.2028 / 21-0111-GER

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*J. V. O. Z.*

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

DVGW CERT GmbH - notified by the government of the Federal Republic of Germany and officially registered by the European Commission for conformity assessment of gas appliances

*DVGW CERT GmbH – von der Deutschen Bundesregierung benannte und von der Europäischen Kommission offiziell registrierte Stelle für die Konformitätsbewertung von Gasgeräten*

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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/RP 101; R/RP 105	Nominal diameter: DN 25 Max. allowable pressure PS: 8/ 16 bar	
R/RP 101; R/RP 105	Nominal diameter: DN 40 Max. allowable pressure PS: 8/ 16 bar	
R/RP 101; R/RP 105	Nominal diameter: DN 50 Max. allowable pressure PS: 8/ 16 bar	
R/RP 101; R/RP 105	Nominal diameter: DN 65 Max. allowable pressure PS: 8/ 16 bar	
R/RP 101; R/RP 105	Nominal diameter: DN 100 Max. allowable pressure PS: 8/ 16 bar	

<b>Type Variation</b> <i>Ausführungsvariante</i>	<b>Explanations</b> <i>Erläuterungen</i>
R/RP 101	Pressure regulator; max. input pressure: 8 bar
R/RP 105	Pressure regulator; max. input pressure: 16 bar
RP 10...	Pressure regulator with pilot

#### **Hints of Utilization /Remarks**

##### **Verwendungshinweise / Bemerkungen**

Connection type: Flanges on both sides PN 16 according to DIN EN 1092-4 or ASME B 16.5 Class 150 RF  
Version: IS

Direct-acting gas pressure regulator: fail-open regulator

Control accuracy class AC/closing pressure group SG for pressure regulators without pilot:

8... 22 mbar: AC 10/ SG 50

22... 100 mbar: AC 10/ SG20

100... 500 mbar: AC 5/ SG10

500... 1000 mbar: AC 2,5/SG 10

>1000... 3000 mbar: AC 5/ SG10 (only control device 205/275-2)

Indirect acting gas pressure regulator: fail-close regulator

Accuracy class AC/closing pressure group SG:

10... 20 mbar: AC10/ SG50

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... 13000 mbar: AC 1/ SG 5

Housing material: cast aluminum EN AC-42100 S T6

Operating temperature range: -20...+60 °C, class 2