

# EC type examination certificate

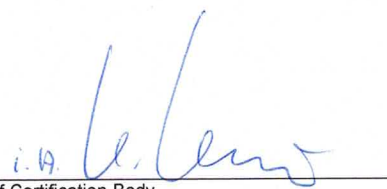
## EG-Baumusterprüfbescheinigung

**CE-0085AQ0882**

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 250, R/RS/RP/RSP 254
<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 / 20-0415-GDU

70028-04-A-DE

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



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D-ZE-16028-01-02

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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 250, R/RS/RP/RSP 254	nominal diameter: DN 25	
R/RS/RP/RSP 250, R/RS/RP/RSP 254	nominal diameter: DN 50	
R/RS/RP/RSP 250, R/RS/RP/RSP 254	nominal diameter: DN 80	
R/RS/RP/RSP 250, R/RS/RP/RSP 254	nominal diameter: DN 100	
R/RS/RP/RSP 250, R/RS/RP/RSP 254	nominal diameter: DN 150	
R/RS/RP/RSP 250, R/RS/RP/RSP 254	nominal diameter: DN 200	

<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 250	max. allowable pressure: PS = 8 bar, nominal pressure PN 8
R/RS/RP/RSP 254	max. allowable pressure: PS = 16 bar, nominal pressure PN 16
R/RS/RP/RSP 250; R/RS/RP/RSP 254	temperature range: -20°C to +60°C, class 2

### **Hints of Utilization / Remarks** *Verwendungshinweise / Bemerkungen*

Connections: on both sides flanges PN 16 according to DIN EN 1092-4 or ASME B 16.5 class 150 RF  
Function class: A and B  
Resonating time:  $\leq 1$  s  
Strength type: IS  
Direct-acting gas pressure regulator: Fail-Open regulator  
Regulation accuracy class AC/ lock up pressure group SG for pressure regulator without pilot:  
18...100 mbar: AC 10/SG 20  
100...500 mbar: AC 5/SG 10  
500...1500 mbar: AC 2,5/SG 10  
>1000...30000 mbar: AC 5/ SG 10 (only with 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...14000 mbar: AC 1/SG 5  
Upper accuracy group AG of the SAV:  
50...100 mbar: AG 10  
100...500 mbar: AG 5  
>500 mbar: AG 2,5  
Lower accuracy group AG of the SAV:  
10...30 mbar: AG 20  
30...50 mbar: AG 10  
>50 mbar: AG 5  
Body material: aluminium casting EN AC-42100 S T6

