

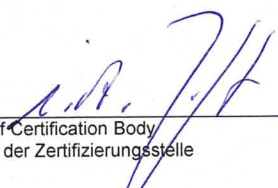
EC type examination certificate
EG-Baumusterprüfbescheinigung

CE-0085AQ0883
 Product Identification No.
 Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Pressure Equipment Directive (2014/68/EU) <i>EG-Druckgeräterichtlinie (2014/68/EU)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	MEDENUS Gas-Druckregeltechnik GmbH Im Langen Feld 3, D-57462 Olpe
Distributor <i>Vertreiber</i>	MEDENUS Gas-Druckregeltechnik GmbH Im Langen Feld 3, D-57462 Olpe
Product Category <i>Produktart</i>	gas fittings: Pressure regulator for natural gas and all-gas (4301)
Product Description <i>Produktbezeichnung</i>	Pressure regulator optional with safety shut-off valve (SAV) for upper and lower shut down pressure and/or pilot support
Model <i>Modell</i>	R/RS/RP/RSP 251, R/RS/RP/RSP 255
Test Reports <i>Prüfberichte</i>	laboratory control test: 02-1391-GDW from 03.05.2022 (EBI)
Test Basis <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)

Date of Expiry / File No. 31.07.2032 / 22-0438-GDV
Ablaufdatum / Aktenzeichen

25.11.2022 Kir A-1/2
 Date, Issued by, Sheet, Head of Certification Body
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle




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Gas Category <i>Gasart</i>	Remarks <i>Bemerkungen</i>
fuel gases of the 1., 2. & 3. gas family	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <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	

Type Variation <i>Ausführungsvariante</i>	Explanations <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*

Connections: Both sides flanges PN 16 acc. DIN EN 1092-4 or ASME B 16.5 Class 150 RF
Function class: A and B
Resonating time: ≤ 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, pressure regulator without pilot:
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, 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
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, EN AC-4300 S T6 (only DN 200) or nodular cast iron EN-GJS400-15 (only RS 250 DN 50/80/100)