

EC type examination certificate
EG-Baumusterprüfbescheinigung

CE-0085AQ0882

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 250, R/RS/RP/RSP 254
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. <i>Ablaufdatum / Aktenzeichen</i>	31.07.2032 / 22-0438-GDV

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 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 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	

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 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: 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: ≤ 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

