

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>	supplement test: 19-00171-210 from 29.01.2020 (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>	31.07.2022 / 20-0415-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



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-02

DVGW CERT GmbH
Zertifizierungsstelle

Josef-Wirmer-Str. 1-3
53123 Bonn

Tel. +49 228 91 88 - 888
Fax +49 228 91 88 - 993

www.dvgw-cert.com
info@dvgw-cert.com

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: 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: <= 1 s
Strength type: IS
Direct-acting gas pressure regulator: Fail-Open regulator
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 for 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...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; EN AC-43000 S T6 (only DN 200); EN-GJS400-15 (only RS 250; DN 50/80/100)