

EU type examination certificate

EU-Baumusterprüfbescheinigung

CE-0085BU0091

Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EU Pressure Equipment Directive (2014/68/EU) <i>EU-Druckgeräterichtlinie (2014/68/EU)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Dresser Utility Solutions GmbH Hardeckstraße 2, D-76185 Karlsruhe
Distributor <i>Vertreiber</i>	Dresser Utility Solutions GmbH Hardeckstraße 2, D-76185 Karlsruhe
Product Category <i>Produktart</i>	Gas fittings: Pressure regulator for natural gas and all-gas (4301)
Product description <i>Produktbezeichnung</i>	Pressure regulator (spring-loaded proportional regulator with pre-pressure compensation), optional: safety shut-off valve for upper and lower pressure with diaphragm comparator on the input side
Model <i>Modell</i>	RB 40...
Test Reports <i>Prüfberichte</i>	Supplement test: 23-00112-AB01-183 V2 from 12.03.2024 (EBI) Supplement test: 23-00112-AB01-183 from 19.02.2024 (EBI)
Test Basis <i>Prüfgrundlagen</i>	2014/68/EU (15.04.2014) DIN EN 334 (01.11.2019) DIN EN 14382 (01.11.2019)
Date of Expiry / File No. <i>Ablaufdatum / Aktenzeichen</i>	01.08.2033 / 23-0193-GDV



70028-04-A-DE

18.04.2024 Bd A-1/2 *i.A. W. 7K*
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 pressure equipment

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

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>
Gases of the 1., 2. & 3. family (EN 437)	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
RB 40...	Nominal diameter: DN 25 Max. allowable pressure PS: 5, 16, 20, 25 bar	PS: 5 bar in type IS or DS, HP: 16, 20, 25 bar only in type DS
RB 40...	Nominal diameter: DN 40 Max. allowable pressure PS: 5, 16, 20, 25 bar	PS: 5 bar in type IS or DS, HP: 16, 20, 25 bar only in type DS
RB 40...	Nominal diameter: DN 50 Max. allowable pressure PS: 5, 16, 20, 25 bar	PS: 5 bar in type IS or DS, HP: 16, 20, 25 bar only in type DS
RB 40...	Nominal diameter: DN 80 Max. allowable pressure PS: 5, 16, 20, 25 bar	PS: 5 bar in type IS or DS, HP: 16, 20, 25 bar only in type DS
RB 40...	Nominal diameter: DN 100 Max. allowable pressure PS: 5, 16, 20, 25 bar	PS: 5 bar in type IS or DS, HP: 16, 20, 25 bar only in type DS

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
RB 4010/4020/4030	without SAV
RB 4012/4022/4032	with SAV (SAV 8500 or SV 8600)
RB 4011/4021/4031	with SAV only for upper cut-off pressure

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

Connections: Flanges PN 16, 20, 25 according to DIN EN 1092 and ISO 7005

Function of the control device: fail-open

Temperature range: -20...+60 °C

Functional class of the safety shut-off valves: Class A or Class B according to DIN EN 14382

SAV8500: CE-0085CO0198

SAV8600: CE-0085CO0044

Output pressure range:

with safety membrane: 10 mbar to 0.5 bar

without safety membrane: 20 mbar to 2.5 bar (DN 25) or 2.0 bar (DN 40/ 50/ 80/ 100)

Control accuracy: Output pressure: 10 - 20 mbar: AC20/ SG30; >20 mbar to 100 mbar: AC10/ SG20; >100 mbar: AC5/SG10

Closing pressure zone group: SZ 10

Housing material: cast iron EN-GJS-400-18-LT or cast steel G20Mn5N

Corrosion protection: galvanizing or dip painting

