



CERT

DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DG-4301BU0556

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of gas supply <i>Produkte der Gasversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	GASCAT Indústria e Comércio Ltda Rodovia SP 73, 1141, Bairro Pimenta, BR- 13347-390 Indaiatuba/SP
Distributor <i>Vertreiber</i>	GASCAT Indústria e Comércio Ltda Rodovia SP 73, 1141, Bairro Pimenta, BR- 13347-390 Indaiatuba/SP
Product Category <i>Produktart</i>	Gas fittings: Pressure regulator for natural gas and all-gas (4301)
Product description <i>Produktbezeichnung</i>	Pilot-operated gas pressure regulator for inlet pressures up to 100 bar, optional in "fail-to-open" or "fail-to-close" configuration
Model <i>Modell</i>	Urano
Test reports <i>Prüfberichte</i>	Laboratory control test: 21-01482-KP03 from 01.11.2023 (EBI)
Test basis <i>Prüfgrundlagen</i>	DIN EN 334 (01.07.2009)

Date of Expiry / File No. 15.07.2025 / 24-0317-GNV
Ablaufdatum / Aktenzeichen

19.07.2024 Ca A-1/2 *ia. v. n.*
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>
2./3. gas family, non-aggressive gases	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
Urano	Outlet pressure: 2...80 bar Inlet pressure range: 8...100 bar Nominal diameter: DN 200 Ambient temperature range: -20...+60 °C Max. allowable pressure PS: 100 bar	
Urano	Outlet pressure: 2...80 bar Inlet pressure range: 8...100 bar Nominal diameter: DN 80 Ambient temperature range: -20...+60 °C Max. allowable pressure PS: 100 bar	
Urano	Outlet pressure: 2...80 bar Inlet pressure range: 8...100 bar Nominal diameter: DN 100 Ambient temperature range: -20...+60 °C Max. allowable pressure PS: 100 bar	
Urano	Outlet pressure: 2...80 bar Inlet pressure range: 8...100 bar Nominal diameter: DN 150 Ambient temperature range: -20...+60 °C Max. allowable pressure PS: 100 bar	
Urano	Outlet pressure: 2...80 bar Inlet pressure range: 8...100 bar Nominal diameter: DN 200 Ambient temperature range: -20...+60 °C Max. allowable pressure PS: 100 bar	

certified Components**zertifizierte Bauteile / Werkstoffe**

Registr. No. <i>Registrier-Nr.</i>	Component <i>Bauteil (Produktart)</i>	Model/Type <i>Modell/Typ</i>	Manufacturer <i>Hersteller</i>
NG-5133CQ0166	Materials for membranes for gas equipment	555N-Ag550 - 1,0 mm/555N-Ag550 - 1,0 mm	EFFBE France S.A.S.

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

Strength: internal strength IS
 Accuracy class/ lock-up pressure class: 2,5 to 5,0 bar: AC 5/ SG 10
 Lock-up pressure class: >5,0 to 20,0 bar: SG 5
 Accuracy class: >5,0 to 12,0 bar: AC 2,5
 Lock-up-pressure class: >20,0 bis 80,0 bar: SG 2,5
 Accuracy class: >12,0 bis 80,0 bar: AC 1
 Lock-up pressure zone: SZ 2,5/ SZ 5
 Connections: flanges PN 25 oder PN 40 (both sides equal) or acc. to ANSI B 16.5 class 300, class 900 (RF or RTF)
 Body material: cast steel ASTMA216 WCB, ASTM A352 LCB/ LCC
 Filter: F10
 Pre-regulator: G43
 Pitol: G40/ G42