



DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DG-4390CU0125

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of gas supply <i>Produkte der Gasversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	WITT GmbH & Co. Holding & Handels KG Salinger Feld 4-8, D-58454 Witten
Distributor <i>Vertreiber</i>	WITT-Gasetechnik GmbH & Co. Produktions- und Vertriebs KG Salinger Feld 4-8, D-58454 Witten
Product Category <i>Produktart</i>	Gas fittings: Gas back flow safety device (4390)
Product description <i>Produktbezeichnung</i>	Non-return valve for natural gas combusted with air, without a flame arrestor
Model <i>Modell</i>	Ultra 21
Test reports <i>Prüfberichte</i>	Type testing: 18000296-II from 07.03.2019 (BAG) Supplement test: B 23/09/4051 from 27.03.2023 (DBI) Laboratory control test: K 23/09/4051 from 10.09.2023 (DBI)
Test basis <i>Prüfgrundlagen</i>	DIN EN ISO 5175-1 (01.03.2018)- partially DIN EN ISO 5175-2 (01.05.2019)- partially

Date of Expiry / File No. 07.03.2030 / 25-0109-GNV
Ablaufdatum / Aktenzeichen

17.02.2025 Stö A-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle



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Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
Ultra 21	Maximum operating pressure: 2,0 (methane) bar	Methane, combustion with air
Ultra 21	Maximum operating pressure: 16,0 bar	Methane, propane, hydrogen, air, oxygene

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
Ultra 21	Connection: at both sides internal thread G or NPT acc. to EN 560: 1/2" , 3/4" or 1"
Ultra 21	optional with internal filter

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

Highest working pressure 2,0 bar for methane for the combustion with air: flame flow-back tight acc. to DIN EN ISO 5175-1 (partially) and flame blow-back proof resistant acc. to DIN EN ISO 5175-2 (partially).

Highest working pressure 16,0 bar for methane, propane, hydrogen, air and oxygene: no flame flow-back tight and no flame blow-back proof resistant

The testing and certification of the valve was carried out partially because air was used as an oxidant.

Materials:

- Body: Brass CuZn39Pb3 or stainless steel: 1.4305 (X8CrNiS 18-9)
- Valve disc: Peek (KETRON HPV)

