

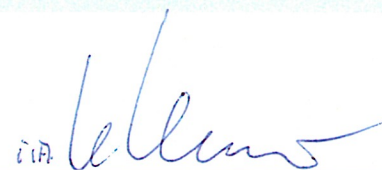
**EU type examination certificate**  
**EU-Baumusterprüfbescheinigung**

**CE-0085BM0289**

Product Identification No.  
 Produkt-Identnummer

<b>Field of Application</b> <i>Anwendungsbereich</i>	EU Gas Appliances Regulation (EU/2016/426) <i>EU-Gasgeräteverordnung (EU/2016/426)</i>
<b>Owner of Certificate</b> <i>Zertifikatinhaber</i>	GTS Thielmann Energietechnik GmbH Dormannweg 48, D-34123 Kassel-Bettenhausen
<b>Distributor</b> <i>Vertreiber</i>	GTS Thielmann Energietechnik GmbH Dormannweg 48, D-34123 Kassel-Bettenhausen
<b>Product Category</b> <i>Produktart</i>	gas fittings: filter (4356)
<b>Product Description</b> <i>Produktbezeichnung</i>	gas filter in angle pattern form
<b>Model</b> <i>Modell</i>	ZEFG-...-05/16/40...; VZEF-...-16
<b>Countries of Destination</b> <i>Bestimmungsländer</i>	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK
<b>Test Reports</b> <i>Prüfberichte</i>	type testing: 17/360/4117/141 from 19.01.2018 (EBI)
<b>Test Basis</b> <i>Prüfgrundlagen</i>	EU/2016/426 A III B (09.03.2016) DIN 3386 (01.10.2012)- partially

**Validity / File no.** 21.04.2018 until 20.02.2028 / 17-0458-GEA  
**Gültigkeit / AZ**

20.02.2018 Rie 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 gas appliances under EU Regulation



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 Akkreditierungsstelle  
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<b>Gas Category</b> <i>Gasart</i>	<b>Remarks</b> <i>Bemerkungen</i>
fuel gases of the 1., 2. & 3. gas family	

<b>Type</b> <i>Typ</i>	<b>Technical Data</b> <i>Technische Daten</i>	<b>Remarks</b> <i>Bemerkungen</i>
ZEFG-25-05/16/40...; VZEF-25-16	nominal diameter: DN 25 max. allowable pressure PS: 5, 16 or 40 bar	
ZEFG-50-05/16/40...; VZEF-50-16	nominal diameter: DN 50 max. allowable pressure PS: 5, 16 or 40 bar	
ZEFG-80-05/16/40...; VZEF-80-16	nominal diameter: DN 80 max. allowable pressure PS: 5, 16 or 40 bar	
ZEFG-100-05/16/40...; VZEF-100-16	nominal diameter: DN 100 max. allowable pressure PS: 5, 16 or 40 bar	

<b>Type Variation</b> <i>Ausführungsvariante</i>	<b>Explanations</b> <i>Erläuterungen</i>
ZEFG-...-05-HTB	max. all. pressure: PS 5; ambient temperature range: -20 °C to +70 °C; thermal resistance: +650 °C for 30 min
ZEFG-...-16	max. all. pressure: PS 16; ambient temperature range: -20 °C to +70 °C
ZEFG-...-40	max. all. pressure: PS 40; ambient temperature range: -20 °C to +70 °C
ZEFG-...-12-TTB	max. all. pressure: PS 16; ambient temperature range: -40 °C to +70 °C; body material: EN-GJS-400-18/18U-LT, screws A 4.70 (acc. AD-paper W2)
VZEF-...-16	max. all. pressure: PS 16; ambient temperature range: -20 °C to +70 °C; body material: AC-AI Si 12(a)

<b>Hints of Utilization /Remarks</b> <i>Verwendungshinweise / Bemerkungen</i>
Connections: on both sides flanges PN 16/PN 40 according to DIN EN 1092-2 (ZEFG...), DIN EN 1092-4 (VZEF...) or ANSI Class 150/300 according to ANSI/ASME B 16.5

