



DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DG-4350BU0560

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of gas supply <i>Produkte der Gasversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Aalberts integrated piping systems B.V. Oude Amersfoortseweg 99, NL-1212 AA Hilversum
Distributor <i>Vertreiber</i>	Aalberts integrated piping systems B.V. Oude Amersfoortseweg 99, NL-1212 AA Hilversum
Product Category <i>Produktart</i>	Gas fittings: Meter screwing (4350)
Product description <i>Produktbezeichnung</i>	Gas meter connector, analogous to Form A, for single-pipe connection with integrated ball valve, optionally with upstream thermally triggered shut-off device (TAE) or gas flow monitor (GS)
Model <i>Modell</i>	5290..., 5493..., 5590...
Test reports <i>Prüfberichte</i>	Type testing: 166383a T0 18375 from 02.09.2025 (GWI)
Test basis <i>Prüfgrundlagen</i>	DIN 3376-2 (01.08.2024)- partially (see remarks) DIN EN 331 (01.04.2016)- partially (see remarks) DIN 3586 (01.10.2003)- partially (see remarks) DIN 30652-1 (01.06.2021)- partially (see remarks)

Date of Expiry / File No. 16.07.2029 / 24-0480-GNV
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25.09.2025 Cat A-1/2

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



DVGW CERT GmbH
Josef-Wirmer-Str. 1-3
53123 Bonn
Tel. +49 228 9188-888
info@dvgw-cert.com
www.dvgw-cert.com

Gas Category <i>Gasart</i>	Remarks <i>Bemerkungen</i>
acc. to EN 437 & G 260 excl. 5. family	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
5290...	Nominal pressure rating: MOP 5/C 1 Nominal diameter: DN 25	with integrated corner ball valve
5590...	Nominal pressure rating: MOP 5/C 5 Nominal diameter: DN 25	with integrated corner ball valve and input side with threaded-in TAE (engl. TAS)
5493...	Nominal pressure rating: 15...100 mbar/C 1 Nominal diameter: DN 25	with integrated corner ball valve and integrated gas flow monitor Type K; Installation position: horizontal

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
549325...	Nominal flow rate: 2.5 m ³ /h
549340...	Nominal flow rate: 4.0 m ³ /h
5290100; 5590100	Connection type: thread connection G 1 3/8 according to DIN EN ISO 228-1 on both sides for a nozzle according to DIN 3436, with union nut DIN 3292-1
5290101; 5493...101; 5590101	Connection type: Thread G 1 3/8 according to DIN EN ISO 228-1 for a corner nozzle (inlet side) or a nozzle according to DIN 3436 (outlet side) with internal thread R 1 according to DIN EN 10226-1, each with union nut DIN 3292-1
5290103; 5493...103; 5590103	Connection type: thread G 1 3/8 on both sides according to DIN EN ISO 228-1 for a nozzle according to DIN 3436 with internal thread R 1 according to DIN EN 10226-1, with union nut DIN 3292-1
5290104; 5590104	Connection type: thread G 1 3/8 on both sides according to DIN EN ISO 228-1 for a corner nozzle with internal thread R 1 according to DIN EN 10226-1, with union nut DIN 3292-1
5290110	Connection type: inlet side internal thread R 1, outlet side external thread Rp 1, each according to DIN EN 10226-1
5290112	Connection type: inlet side internal thread R 1 according to DIN EN 10226-1, outlet side thread G 1 3/8 according to DIN EN ISO 228-1 for a nozzle with press contour according to DVGW G 5614, with union nut DIN 3292-1
5290.53; 5290.70	Variant of basic type 5290, but for a fastening to mounting plate with a M20x1.5 hexagon nut

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-4340AU0484	Thermically triggered shut-off device	FIREBAG Steel Version/TAS 21...	G. Bee GmbH
NG-5146AR0573	Sealing and jointing materials for screwed joint of gas appliances and gas plants, hardening	LOXEAL 85-86/LOXEAL 85-86	LOXEAL S.r.l.
NG-5162BO0174	Materials for greasing of gas appliance	Berulub Sihaf 2/Berulub Sihaf 2	CARL BECHEM GMBH
DG-4360BP0116	Gas flow monitor	GST.../GST/L2	TECO s.r.l.
NG-5112CO0016	Elastomer material for seals in gas appliances	N7072/N7072	Trelleborg Sealing Solutions Germany GmbH
NG-5162CR0318	Materials for greasing of gas appliance	Klüberbeta VR 87-883/Klüberbeta VR 87-883	Klüber Lubrication München GmbH & Co. KG
NG-5112DM0128	Elastomer material for seals in gas appliances	FX 406/FX 406	Dichtungstechnik Wallstabe & Schneider GmbH & Co. KG

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

Gas meter outlet connection: G 2A according to DIN EN ISO 228-1

Ambient temperature range: -20...+60 °C

Types 5290... and 5493... meet the requirements for higher thermal load capacity (HTB) up to MOP 1 (Class C1) and type 5590... up to MOP 5 (Class C5).

The gas meter screw connection was tested and certified with regard to its dimensions (design) in analogy to with DIN 3376-2.