



CERT

DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DG-4710DL0018

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of gas supply <i>Produkte der Gasversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	ABB Automation Products GmbH Dransfelder Straße 2, D-37079 Göttingen
Distributor <i>Vertreiber</i>	ABB Automation Products GmbH Dransfelder Straße 2, D-37079 Göttingen
Product Category <i>Produktart</i>	flow meters: Thermic gas meter (4710)
Product Description <i>Produktbezeichnung</i>	Thermal gas mass flow meter as an integrated measuring section, welding adapter or as wafer-type design
Model <i>Modell</i>	SensyMaster FMT2(3;5)0; SensyMaster FMT4(3;5)0
Test Reports <i>Prüfberichte</i>	supplement test: 19-00194-449 from 22.09.2020 (EBI)
Test Basis <i>Prüfgrundlagen</i>	DIN 30690-1 (01.05.2019)- so far as applicable

Date of Expiry / File No. 21.01.2025 / 20-0620-GNA
Ablaufdatum / Aktenzeichen

03.11.2020 Kö 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 for certification of products for energy and water supply industry.

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013 akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und Wasserversorgung.



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

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Type Typ	Technical Data Technische Daten	Remarks Bemerkungen
SensyMaster FMT ...	nominal diameter: DN 25	
SensyMaster FMT ...	nominal diameter: DN 40	
SensyMaster FMT ...	nominal diameter: DN 50	
SensyMaster FMT ...	nominal diameter: DN 60	
SensyMaster FMT ...	nominal diameter: DN 65	
SensyMaster FMT ...	nominal diameter: DN 80	
SensyMaster FMT ...	nominal diameter: DN 100	

Type Variation Ausführungsvariante	Explanations Erläuterungen
... FMT091	as wafer-type design; DN 25 . . . DN 200 (EN 1092-1); ASME B16. 5: 1 1/2" . . . 8";; PN 40; without shut-off element
... FMT091	Material des Adapters und der Messstrecke: Edelstahl 1.4571, 1.4541, 1.4301
... FMT092	as partial measuring section with flange connection DN 25 . . . DN 100 (EN 1092-1) up to PN 40; flange 1" . . . 4"; (ASME B16. 5) up to CL 300; NPT male thread DN 25 ... DN 80, R1 . . . R3 up to PN 16; without shut-off element
... FMT092	Material des Adapters und der Messstrecke: Edelstahl 1.4571, 1.4404, 1.4301
... FMT094	as welding adapter for rectangular ducts or pipes DN 100 ... DN 1400; bis PN 40; without shut-off element
... FMT094	Material des Adapters und der Messstrecke: Edelstahl 1.4571, 1.4404, 1.4301, 1.0345
SensyMaster FMT ... 3/5	Identification number of the electronics used (with regard to accuracy and functionality)
SensyMaster FMT2 ...	without display
SensyMaster FMT4 ...	with display

certified Components

zertifizierte Bauteile / Werkstoffe

Registr. No. Registrier-Nr.	Component Bauteil (Produktart)	Model/Type Modell/Typ	Manufacturer Hersteller
NG-5112CL0298	Elastomer material for seals in gas appliances	TEC H16 GI-70 giallo/TEC H16 GI-70 giallo	Tecnogomma International S.p.A.

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

The certification does not extend to the measuring unit and data transmission. Medium: Gases according to DVGW G 260 and non-aggressive gases, medium temperature: -20 °C ... +100 °C

Ambient temperature range: -20°C . . . +70°C

Protection class: IP 65/; 67

The measuring element is mounted with a flange, thread or a compression fitting (Fa. Swagelok Company, USA) acc.

Installation Instructions IN/FMT200/FMT400/Compression_fitting-DE Rev A 09. 2018

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