

EC type examination certificate

EG-Baumusterprüfbescheinigung

CE-0085CN0022

Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Pressure Equipment Directive (2014/68/EU) <i>EG-Druckgeräterichtlinie (2014/68/EU)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Elster GmbH Steinernstraße 19-21, D-55252 Mainz-Kastel
Distributor <i>Vertreiber</i>	Elster GmbH Steinernstraße 19-21, D-55252 Mainz-Kastel
Product Category <i>Produktart</i>	Flow meters: Rotary gas meter (4703)
Product description <i>Produktbezeichnung</i>	Rotary gas meter
Model <i>Modell</i>	RABO...
Test Reports <i>Prüfberichte</i>	Supplement test: 21-00228-AB03 from 23.12.2022 (EBI) Type testing: 21-00228-AB02-095 from 18.01.2022 (EBI)
Test Basis <i>Prüfgrundlagen</i>	2014/68/EU A III B Baumusterprüfung (15.04.2014) DIN EN 12480 (01.05.2018)

Date of Expiry / File No. 24.01.2032 / 22-0549-GDR
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22.03.2023 Kir A-1/2

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

DVGW CERT GmbH - notified by the government of the Federal Republic of Germany and officially registered by the European Commission for conformity assessment of pressure equipment

DVGW CERT GmbH – von der Deutschen Bundesregierung benannte und von der Europäischen Kommission offiziell registrierte Stelle für die Konformitätsbewertung von Druckgeräten

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

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
RABO G16	Nominal diameter: DN32/40/50 Max. flow: 25 m ³ /h Max. allowable pressure PS: 20 bar	
RABO G25	Nominal diameter: DN 32/40/50 Max. flow: 40 m ³ /h Max. allowable pressure PS: 20 bar	
RABO G40	Nominal diameter: DN 32/40/50 Max. flow: 65 m ³ /h Max. allowable pressure PS: 20 bar	
RABO G65	Nominal diameter: DN 32/40/50 Max. flow: 100 m ³ /h Max. allowable pressure PS: 20 bar	DN 40 only GGG (GJS-400-18-LT)
RABO G100	Nominal diameter: DN 50/80 Max. flow: 160 m ³ /h Max. allowable pressure PS: 20 bar	DN 50 only EN AW 6060 T66
RABO G160	Nominal diameter: DN 80/100 Max. flow: 250 m ³ /h Max. allowable pressure PS: 20 bar	
RABO G250	Nominal diameter: DN 80/100 Max. flow: 400 m ³ /h Max. allowable pressure PS: 20 bar	
RABO G400	Nominal diameter: DN 100/150 Max. flow: 650 m ³ /h Max. allowable pressure PS: 20 bar	

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
S1V	standard versions, 8 drums; with integrated optical sensor, electronical interface
S1D	two-way counting; with integrated optical sensor, electronical interface
MI-2	aluminium covered, optionally with mechanical connection to secondary measuring device
RABO CF	compact flange for types G10 to G40
RABO CT	compact thread for types G10 to G40

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

Ambient temperature: -25 °C...+70 °C

Gas temperature: -25 °C...+70 °C

Connections: flanges DIN EN 1092 PN 16 (ANSI 150)

Body material: aluminium EN AW 6060 T66 (AlMgSi 0,5/F22); cast iron GJS-400-18-LT; aluminium casting EN-AC-42100 (only PN16)

Housing cover: EN AW 6060 T66; EN AW 6082 T6; EN AC 42100 KT6; cast iron GJS-400-18-LT

High temperature resistance (650 °C) up to 5 bar for housing and bearing cover made of cast iron GJS-400-18-LT

