

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8I-99-0001m-P

Materials of construction: PVC, FKM, PVDF Ceramic
Signal output standard: 110 pulses / 1000 pulses
Max. impulse rate: 11.2 / 13.5 1/h (50/60 Hz)
Semiconductor function: PNP
Serial number: 731454 / 21224 / 1050

Made in Germany by:
Ecolab Engineering GmbH
Raffelersstrasse 7
83313 Siegsdorf

Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 125 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 ml/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1049
Made in Germany by:
Ecolab Engineering GmbH
Rathleberstraße 7
63313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/BI-89-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1048
Made in Germany by:
Ecolab Engineering GmbH
Rathenstrasse 7
63313 Stigsdorf
Year of manufacture: 2024



Anlaufgrenze _____ 0,8 _____ [l/h]*
lower measuring range limit

Impulszahl _____ 20 _____ [n/min]
pulse rate
bei _____ 1,25 _____ [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum _____ 20. März 2024 _____

Prüfer _____ P 421 _____

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8i-99-0001 m-P
Materials of construction: PVC, PPA, PVDF, Ceramic
Signal output standard: 1.0 mV/pulse, 1000 pulses/l
Supply voltage: 11.2 V (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1047
Made in Germany by:
Ecolab Engineering GmbH
Ruhlsenstr. 7
83313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8-99-0001 m.P.
Materials of construction: PVC, FKM, PVDF Ceramic
Standard (optional standard): 1.0 m³/h (50/60 Hz)
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor function: PNP
Serial number: 731454 / 21224 / 1046
Made in Germany by:
Ecolab Engineering GmbH
Raffelstrasse 7
35313 Siegstorf
Year of manufacture: 2024



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Water PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m pulse / 1000 pulses
Max. output: 1.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1045
Made in Germany by:
Ecolab Engineering GmbH
Ralfteisenstraße 7
83313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8I-99-0001m.P	
Materials of construction:	PVC, FKM, PVDF Ceramic
Signal output (standard):	1.0 ml/pulse, 1000 pulses/l
Max. pump size	11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction:	PNP
Serial number:	731454 / 21224 / 1044
ECOLAB	Made in Germany by:
Year of manufacture: 2024	Rafflensysteme 7
	83313 Siegsdorf



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8-99-0001m-P
Materials of construction: PVC, PAM, PVDF Ceramic
Signal output (standard): 1.0 ml/pulse, 1000 Pulses/l
Max. pump size: 1.2 / 13.5 l/h (50/60 Hz)
Semiconductor function: PPS
Serial number: 791454 / 21224 / 1043
Made in Germany by:
Escalab Engineering GmbH
Rudolfserstraße 7
83513 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VOFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 ml/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1042
Made in Germany by
Eccolab Engineering GmbH
Rathenower Assa 7
85313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25
at [l/h]*

* = kontinuierlicher Durchfluss / continuous flow

Datum 20.03.2024
Prüfer PH21

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8-99-0001m-P
Materials of construction: PVC, FKM, PVDF Ceramic
Signal output (standard): 1-10 mV / 100 pulses/l
Max. pump size: PNP / 125 l/h (50/60 Hz)
Max. pressure: 10 bar
Switching function: 731454 / 21224 / 1041
Serial number:
Made in Germany by:
Ecolab Engineering GmbH
Raffelersstrasse 7
63313 Stiegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 2801 41
Model description: Oval Gear Meter PLUS 001 12
OGM PLUS 001 12VCFPPVKE-G1/8i-99-0001 mP
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m/pulse, 1000 pulses/l
Signal output (optional): 1 m² / 13.5 l/h (50/60 Hz)
Semiconductor junction: 731454 / 21224 / 1040
Serial number:
Made in Germany by:
EcoLab Engineering GmbH
Rathenow 17
83313 Singstedt
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8-99-0001m-P	
Materials of construction:	PVC, FKM, PVDF Ceramic
Standard (national/international):	1.0 m³/m³ (1000 l/m³)
Max. pump size	11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction:	PNP
Serial number:	731454 / 21224 / 1039
Year of manufacture:	2024

ECOLAB
Made in Germany by:
Ecolab Engineering GmbH
Raffelersstraße 7
63313 Siegsdorf



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 13 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G/18:99-0001m ³ P	
Materials of construction:	PVC, FKM, PVDF, Ceramic
Standard accuracy (standard):	1.0 ml/pulse, 1000 pulses/l
Max. pump size:	PN5 / 13.5 l/h (50/60 Hz)
Semiconductor function:	PN5
Serial number:	731454 / 21224 / 1036
ECOLAB	Made in Germany by Ecolab Engineering GmbH Rathenowstrasse 7 63913 Siegsdorf
Year of manufacture:	2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 9,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VOFPVKE-G1/8;-99-0001m-P

Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m³/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1097

Made in Germany by:
Ecolab Engineering GmbH
Bismarckstrasse 7
83313 Siegenhof

Year of manufacture: 2024



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/81-99-0001m-P
Materials of construction: PVC, FKM, PTFE, Ceramic
Signal output (standard): 1.0 mV/pulse, 1000 pulses/l
1 mA, 4-20 mA, 0-5 V
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1036
Made in Germany by:
Ecolab Engineering GmbH
Raffelersstraße 7
83313 Stingdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1125 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m/pulse, 1000 pulses/l
Max. pressure: 16 bar (ISO 60 H2)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1035
Made in Germany by:
Ecolab Engineering GmbH
Rudolfserstrasse 7
83313 Singsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 001112
OGM PLUS 00112VCFPPYKE-G1/8-99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1,0 ml/pulse, 1000 pulses/l
Max. pump size: 1,2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1094
Made in Germany by
Röchle Engineering GmbH
Röchlestrasse 7
83313 Siegsdorf
Year of manufacture: 2024*
ECOLAB


Anlaufgrenze 08 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 2801 41
Model description: Oval Gear Meter-PLUS 00112
OGM-PLUS 00112VCFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FRM, PVDF Ceramic
Signal output (standard): 1.0 m³/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor function: P12
Serial number: 731454 / 21224 / 1093
Made in Germany by:
Ecolab Engineering GmbH
Raffelersstrasse 7
83313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 11,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8i99-0001m-P	
Materials of construction:	PVC, RKM, PVDF, Ceramic
Signal output (standard):	1.0 ml/pulse, 1000 pulses/l
Max. pump size	1.0 / 13.8 l/h (50/50 Hz)
Operating pressure junction:	PN16
Serial number:	731454 / 21224 / 1032
Year of manufacture	2024

ECOLAB[®]
Made in Germany by:
Ecolab Engineering GmbH
Rudolfserasse 7
83313 Siegsdorf



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FMV, PVDF, Ceramic
Signal output (standard): 1.0 impulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1031
Made in Germany by:
Ecolab Engineering GmbH
Raffelersstraße 7
63313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Oval Gear Meter PLUS 00112
Model description: OGM PLUS 00112VCFPPVKE-G/18:99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Sigma output (standard): 1.0 ml/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor function: PNP
Serial number: 731454 / 21224 / 1030
Year of manufacture: 2024

Made in Germany by:
Ecolab Engineering GmbH
Raffelstrasse 7
63313 Singsdorf



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 9,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8:99-0001 m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m³/24h, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1029
Made in Germany by:
Ecolite Engineering GmbH
Raffelersstrasse 7
83313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate

bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112/CFPVKE31/81-99-0001m-P
Materials of construction: PVC, FKM, PVDF Ceramic
Signal output (standard): 1.0 m/pulse, 1000 pulses/l
Material of contact: PTFE
Semiconductor function: PNP / 13.5 Vn (50/60 Hz)
Serial number: 731454 / 21224 / 1028
Made in Germany by: Ecolab Engineering GmbH
Raffelersstrasse 7
63313 Siegbach
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number:	2801 41
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8I-99-0001m-P	
Materials of construction:	PVC, FKM, PVDF, Ceramic
Signal output (standard):	1.0 m/pulse, 1000 pulses/l
Signal output size:	PN2 / 13.5 l/h (50/60 Hz)
Signal output function:	
Serial number:	781454 / 21224 / 1027
Year of manufacture:	2024
ECOLAB	Made in Germany by: Ecolab Engineering GmbH Rudolf-Weg 7 69313 Siegsdorf



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate

bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 2801 41
Model description: Oval Gear Meter PLUS 001 12
OGM PLUS 001 12VCFPPVKE-G1/8I-99-0001 m.P.
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1026
Made in Germany by:
Ecolab Engineering GmbH
Rattensackerstr. 7
85313 Steigsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8I-99-0001m³P
Materials of construction: PVC, FKM, PVDF, Ceramic
Standard output (standard): 1.0 m³/pulse, 1000 pulses//
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1025
Made in Germany by
Eccalab Engineering GmbH
Raffelersstraße 7
83313 Singen
Year of manufacture: 2024



Anlaufgrenze _____ [l/h]*
lower measuring range limit 0,8

Impulszahl _____ [n/min]
pulse rate 19
bei _____
at 4,25 [l/h]*

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/B1-99-0001 m-P
Materials of construction: PVC, FR4, PVDF, Ceramic
Digital output standard: 1.0 m/pulse, 1000 pulses/l
Digital output size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1024
Made in Germany by:
Ecolab Engineering GmbH
Rudolfserstrasse 7
63313 Siesdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 2801 41
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8-99-0001 m³
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m³/pulse, 1000 pulses/l
Max. operating pressure: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1023
Made in Germany by:
Ecolab Engineering GmbH
Rufesstrasse 7
63313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 2801 41
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VOFFPVKE-G1/8i-99-0001m³P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m³/pulse, 1000 pulses//
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PN
Serial number: 731454 / 21224 / 1022
Made in Germany by
Eckold Engineering GmbH
Helmholtzstrasse 7
83313 Singsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G/BI-89-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 ml/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1021
Made in Germany by
Eccabo Engineering GmbH
Rudolfserstrasse 7
80313 Stieghorst
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8I-99-0001m-P	
Materials of construction:	PVC, PMA, PVDF Ceramic
Signal output (standard):	1.0 m ³ /pulse, 1000 pulses/l
Max. pump size	11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction:	PNP
Serial number:	731454 / 21224 / 1020
Made in Germany by:	Ecotlab Engineering GmbH
Raffelstrasse 7	
83313 Siegsdorf	
Year of manufacture:	2024



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 2801 41
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8I-99-0001m-P
Materials of construction: P.V.C., P.M.A., P.V.D.E. Ceramic
Signal output (standard): 1,0 ml/pulse, 1000 pulses/l
Max. pump size: PN2 / 13,5 l/m (50/60 Hz)
Semiconductor junction: PN2 / 21224 / 1019
Serial number: 731 454
Year of manufacture: 2024
ECOLAB[®]
Made in Germany by:
Ecolabo Engineering GmbH
Rathenstrasse 7
83313 Siegsdorf



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 001 12VCFPPVKE-G/18i-99-0001m-P
Materials of construction: PVC, FKM, PVD, Ceramic
Signal output (standard): 0V pulse / 12VDC Class II
Material of seal: 1.4571 / 1.4575
Semiconductor junction: 1.2 / 1.5 in (50/60 Hz)
Serial number: 731454 / 21224 / 1018
ECOLAB
Year of manufacture: 2024
Made in Germany by:
Ecolab Engineering GmbH
Raiffeisenstrasse 7
63313 Sigtroff



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM/PLUS 00112VCFPPVKE-G1/8i-99-0001 m.p.
Materials of construction: PVC, FKM, PVDF Ceramic
Signal output (standard): 1.0 ml/pulse, 1000 pulses/l
Max. pump size: PN2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: 731454 / 21224 / 1017
Serial number: 731454 / 21224 / 1017
ECOLAB
Year of manufacture: 2024
Made in Germany by:
Ecolab Engineering GmbH
Rudolfstrasse 7
63113 Sögel


Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	2801 41
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8I-99-0001m.P.	
Materials of construction:	PVC, FKM, PVDF Ceramic
Signal output (standard):	1.0 m/pulse, 1000 pulses/l
Max. pipe size	PN2 / 13.5" (30/60 Hz)
Seal/rod size	731454 / 21224 / 1016
Serial Number:	
ECOLAB	Made in Germany by: Schaub Engineering GmbH Ruhle, Germany
Year of manufacture: 2024	03313 Siegsdorf



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 125 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 431

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8i-99-0001 m.P.
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1,0 ml/pulse, 1000 pulses/l
Max. flow rate: 10 l/h
Semiconductor junction: PN2 / 13.5 Vh (50/60 Hz)
Serial number: 731454 / 21224 / 1015
Made in Germany by:
EcoLab Engineering GmbH
Rudolfstrasse 7
83313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8I-99-0001mP
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 ml/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1014
Made in Germany by
Eccab Engineering GmbH
Rudolfstrasse 7
63313 Siegbach
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	2801 41
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P	
Materials of construction:	PVC, FKM, PVDF, Ceramic
Standard (reference standard):	ISO 9906:2008 Class II
Max. pump size	11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction:	PNP
Serial number:	731454 / 21224 / 1013
Made in Germany by:	Ecolab Engineering GmbH
Raffelbeinstrasse 7	
63313 Siegsdorf	
Year of manufacture:	2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer 1234

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Oval Gear Meter PLUS 00112
Model description: OGM PLUS 00112VCFPVKE-G1/8I-99-0001 m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m/pulse, 1000 pulses/l
Max. flow rate: 11.2 / 13.5 l/h (60/60 Hz)
Sensor/producer junction: PNP
Serial number: 731454 / 21224 / 1012
Made in Germany by:
Ecolab Engineering GmbH
Ralfseestraße 7
83313 Siegsdorf



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 4.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8i-99-0001 m.P	
Materials of construction:	PVC, FKM, PVDF, Ceramic
Signal output (standard):	1.0 ml/pulse, 1000 pulses/l
Max. pressure:	11 bar / 15.5 l/n (90/60 Hz)
Semiconductor junction:	PNP / 15.5 l/n (90/60 Hz)
Serial number:	731454 / 21224 / 1011
Year of manufacture:	2024
ECOLAB	Made in Germany by: Ecolab Engineering GmbH Rathseistraße 7 83313 Siegsdorf
	

Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1125 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8i-99-0001m-P	
Materials of construction:	PVC, FKM, PVDF Ceramic
Signal output standard:	1.0 m³/pulse, 1000 pulses/l
Max. pump size	11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction:	PNP
Serial number:	731454 / 21224 / 1010
Year of manufacture:	2024
ECOLAB	Made in Germany by: Ecolab Engineering GmbH Ruflessestraße 7 83113 Stegastorf
	

Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. Mär. 202
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter-PLUS 00112
OGM-PLUS 00112VCFPPVKE-G1/8-99-0001m-P

Materials of construction: PVC, FKM, PVDF, Ceramic
Standard pulse rate: 1.0 m³/pulse, 1000 pulses/l
Max. Pump flow: 11.0 / 13.5 l/h (50/60 Hz)
Semiconductor junction: 731454 / 21224 / 1009

Serial number:
ECOLAB[®]
Year of manufacture: 2024

Made in Germany by:
EcoSens Engineering GmbH
Rathenburger Strasse 7
68313 Singsdorf



Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 4.25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8I-99-0001m-P	
Materials of construction:	PVC, FKM, PVDF, Ceramic
Signal output (standard):	110 m/pulse, 1000 pulses/s
Max. pressure:	PNP / 1.55 bar (50/60 Hz)
Semiconductor function:	791454 / 21224 / 1008
Serial number:	
Year of manufacture:	2024

ECOLAB
Made in Germany by:
Ecolab Engineering GmbH
Rudolfstraße 7
69313 Siegsdorf



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	2801 41
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P	
Materials of construction:	PVC, FKM, PVDF, Ceramic
Signal output (standard):	1.0 ml/pulse, 1000 pulses/l
Max. pump size:	11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction:	PNP
Serial number:	731454 / 21224 / 1007
ECOLAB [®]	Made in Germany by Ecolab Engineering GmbH Falterbergstrasse 7 63313 Siegbach
Year of manufacture:	2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25
at [l/h]*

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024
Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number:	280141
Model description:	Oval Gear Meter PLUS 00112
OGM PLUS 00112/CFPVKE-G1/81-99-0001m-P	
Materials of construction:	PVC, FKM, PVDF, Ceramic
Signal output (standard):	1.0 ml/pulse, 1000 pulses/l
Max. pump size	11.2 / 13.5 l/h (50/60 Hz)
Speed sensor (junction:	PNP
Serial number:	731454 / 21224 / 1006
Year of manufacture:	2024
ECOLAB	Made in Germany by: Ecolab Engineering GmbH Helmholtzstrasse 7 83013 Siegenhof
	

Anlaufgrenze 0.8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1.85 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Oval Gear Meter PLUS 00112
Model description: OGMPVKE-G1/81-09-001m-P
OGM PLUS 00112VCFPVKE
Material of construction: PVC, PMA, PTFE, Ceramic
Max. output (standard): 1.0 m³/pulse / 1000 pulses/l
Max. pump size: 1.12 / 13.5 l/h (50/60 Hz)
Semiconductor junction: 731454 / 21224 / 1005
Serial number:
Made in Germany by:
Eckold Engineering GmbH
Rathenstrasse 7
63313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112/CFPPVKE-G1/8-99-0001m-P
Materials of construction: PVC, FKM, PVDF Ceramic
Signal output (standard): 10 pulses/100 rev (seal)
OGM PLUS 00112/CFPPVKE-G1/8-99-0001m-P
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1004
Made in Germany by:
Eccabo Engineering GmbH
Raffelwiesstraße 7
65313 Siegbach



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPPVKE-G1/8i-99-0001m-P
Material of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 ml/pulse, 1000 pulses/l
Max. pump size: 11.2 / 13.5 l/h (50/60 Hz)
Semiconductor junction: PNP
Serial number: 731454 / 21224 / 1003
Made in Germany by
Eccala Engineering GmbH
Helmestraße 7
65313 Siegbach
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 20 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

417101586

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 m³/pulse, 1000 pulses/l
Max. pressure: 16 bar (23.2 psi)
Max. ambient temperature: 110 °C (230 °F)
Signal output function: PNP
Serial number: 731454 / 21224 / 1002
Made in Germany by:
Ecodab Engineering GmbH
Raffelersstraße 7
63313 Siegsdorf
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 21 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421

Prüfprotokoll OGM^{plus}

Model number: 280141
Model description: Oval Gear Meter PLUS 00112
OGM PLUS 00112VCFPVKE-G1/8i-99-0001m-P
Materials of construction: PVC, FKM, PVDF, Ceramic
Signal output (standard): 1.0 mV/pulse, 1000 pulses/l
Max. pulse rate: 11.2 / 13.5 l/h (ISO/60 Hz)
Sensor output function: PNP
Serial number: 731454 / 21224 / 1001
Made in Germany by:
Ecolab Engineering GmbH
Raffelersstrasse 7
63313 Siegbach
Year of manufacture: 2024



Anlaufgrenze 0,8 [l/h]*
lower measuring range limit

Impulszahl 19 [n/min]
pulse rate
bei 1,25 [l/h]*
at

* = kontinuierlicher Durchfluss / continuous flow

Datum 20. März 2024

Prüfer P 421