

Date: 25/02/2020

Qty. | Description

1 DDA 7.5-16



Note! Product picture may differ from actual product

Product No.: 97721961

DDA 7.5-16 AR-PV/E/C-F-32I001F

The SMART Digital DDA is a compact positive displacement, diaphragm dosing pump with variable-speed drive (stepper motor) and intelligent control electronics with minimum energy consumption. The SMART Digital Dosing series operates at full stroke length to ensure optimum accuracy, priming and suction, even for high-viscosity or degassing liquids. The duration of each discharge stroke varies according to the capacity set, resulting in optimum smooth and continuous discharge flow.

The click-stop mounting plate allows installation in three different positions without using any additional accessories. The control cube can be turned easily into front, left or right position. The click wheel and the multi-coloured backlit graphical, plain-text LC display make commissioning and operation intuitive. The control elements are protected by a transparent cover.

The dosing head is composed of:

- Long lifetime and universal, chemically resistant full-PTFE diaphragm.
- Double ball valves for highest dosing accuracy.
- Deaeration valve for easy start-up.

Operation modes:

- Manual dosing in ml/h, l/h or gph.
- Pulse control in ml/pulse (incl. memory function).
- Analog control 0/4-20 mA (scalable).
- Pulse-based batch function in ml, I or gal.
- Timer-based batch function (Dosing timer, cycle or week).
- Fieldbus control (Genibus prepared for ProfibusDP E-box).

Other features:

- Auto deaeration during pump standby to avoid breakdowns due to air-locking.
- Two SlowMode steps (anti-cavitation), 50 % (maximum flow: 3.75 l/h) and 25 % (maximum flow: 1.88 l/h), e.g. for high-viscosity or degassing liquids.
- Service information display to show when service and which wear-part order number is required.
- Two-step key lock function to protect the pump against unauthorised access.
- Additional display function to provide further information, e.g. the actual mA input signal.
- Counter for total dosed volume (resettable), operating hours, etc.
- Save and load customised settings as well as reload of factory settings.

Signal inputs/outputs:

- Input for pulse, analog 0/4-20mA, external stop.
- Input for low-level and empty-tank signal.
- Two potential-free output relays for max. 30 V AC/DC (configurable, e.g. alarm, stroke signal, pump dosing, timer etc.)
- Output analog 0/4-20mA.
- Fieldbus communication interface (GeniBus, also for additional Profibus DP E-box to retrofit).

Installation set includes:

- 2 pump connections (Hose 4/6 mm 3).



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- Foot valve (without level switch).
- Injection unit.
- 6 m PE discharge hose.
- 2 m PVC suction hose.
- 2 m PVC deaeration hose (4/6 mm).

Technical:

Type key: DDA 7.5-16 AR-PV/E/C-F-32I001F

 Max. Flow:
 7.5 l/h

 Max. flow in slow mode 50%:
 3.75 l/h

 Max. flow in slow mode 25%:
 1.88 l/h

 Min flow:
 2.5 ml/h

 Turn-down ratio:
 1:3000

Approvals on nameplate: CE,CSA-US,NSF61,EAC,RCM Valve type: Spring-Loaded (HV-version)

Maximum viscosity at 100 %: 600 mPas

Maximum viscosity in slow mode 50 %: 1800 mPas Maximum viscosity in slow mode 25 %: 2500 mPas

Accuracy of repeatability: 1 %

Materials:

Dosing head: PVDF (Polyvinylidene fluoride)

Valve ball: Ceramic Gasket: EPDM

Installation:

Range of ambient temperature: 0 .. 45 °C Maximum operating pressure: 16 bar Installation set: YES

Installation type: 4/6 mm up to 7,5 l/h,16 bar

Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3

Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m

Liquid:

Pumped liquid: Water
Liquid temperature range: -10 .. 45 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Electrical data:

Maximum power input - P1: 24 W
Mains frequency: 50 / 60 Hz
Rated voltage: 1 x 100-240 V
Enclosure class (IEC 34-5): IP65 / NEMA 4X

Length of cable: 1.5 m Type of cable plug: EU

Inrush current: 25A at 230V for 2ms

Controls:

Control variant:

Level control:

Analog input:

Pulse control:

Ext. Stop input:

Analog output:

AR

YES

0/4-20 MA

YES

Analog output:

0/4-20 MA

Output relays: 2



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Bus communication: YES

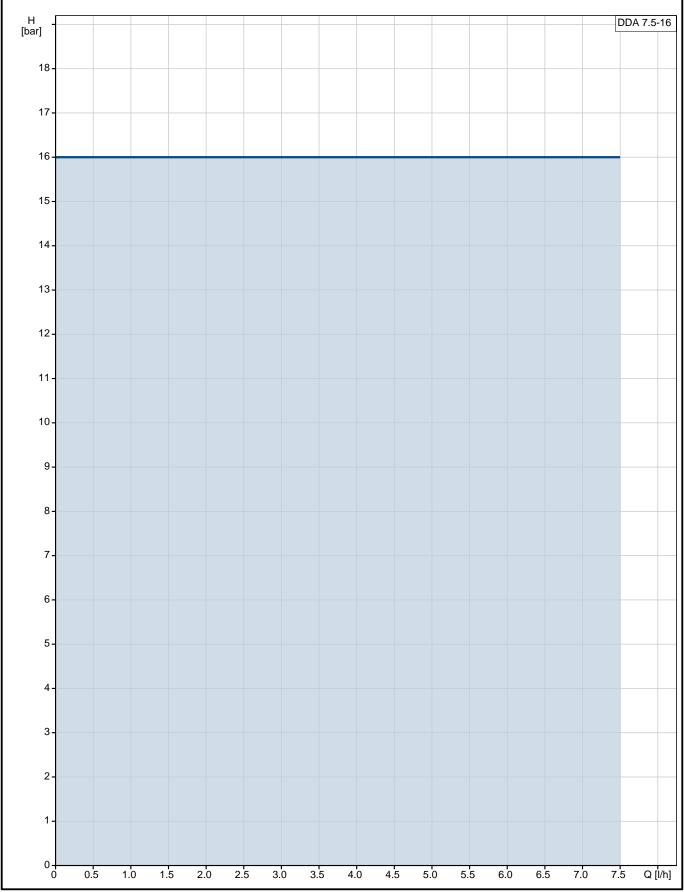
Others:

Net weight: 3 kg Gross weight: 4 kg Color: RED



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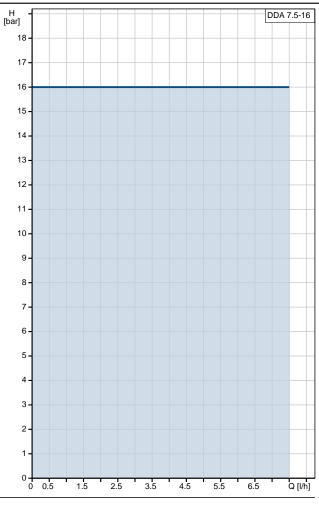
97721961 DDA 7.5-16

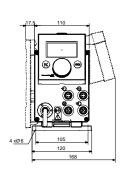


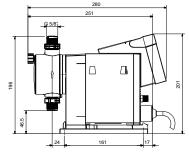


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Description Value General Information: Product name: DDA 7.5-16 Product No: 97721961 EAN number: 5710622721034 5710622721034 5710622721034 Technical: DDA 7.5-16 Type key: AR-PV/E/C-F-321001F Max. Flow: 7.5 l/h Max. Flow in slow mode 50%: 3.75 l/h Max. flow in slow mode 25%: 1.88 l/h Min flow: 2.5 ml/h Turn-down ratio: 1:3000 Approvals on nameplate: CE,CSA-US,NSF61,EAC,RCM Valve type: Spring-Loaded (HV-version) Maximum viscosity in slow mode 25 %: 1800 mPas Maximum viscosity in slow mode 25 %: 2500 mPas Accuracy of repeatability: 1 % Materials: 2500 mPas Dosing head: PVDF (Polyvinylidene fluoride) Valve ball: Ceramic Gasket: EPDM Installation: Ceramic Range of ambient temperature: 0 45 °C Maximum operating pressure: 16 bar <t< th=""><th></th><th></th></t<>		
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EAN number: 5710622721034 Technical: Type key: AR-PV/E/C-F-321001F Max. Flow: 7.5 l/h Max. flow in slow mode 50%: 3.75 l/h Max. flow in slow mode 25%: 1.88 l/h Min flow: 2.5 ml/h Turn-down ratio: 1:3000 Approvals on nameplate: CE,CSA-US,NSF61,EAC,RCM Waximum viscosity at 100 %: 600 mPas Maximum viscosity in slow mode 50%: 1800 mPas Maximum viscosity in slow mode 25%: 1800 mPas Maximum viscosity in slow mode 50%: 1800 mPas Maximum viscosity in slow mode 50%: 1800 mPas Maximum viscosity in slow mode 25%: 1800 mPas Maximum viscosity in slow mode 25%: 1800 mPas Maximum viscosity in slow mode 1800 mPas Maximum viscosity in slow mode 25%: 1800 mPas Maximum viscosity in slow mode 25%: 1800 mPas Maximum operatiolity: 1% Maximum operatiolity: 1% Maximum operating pressure: 16 bar Installation: 200 mPas Max. Suction lift during operation: 16 bar Installation type: 4/6 mm 19 to 7,5 l/h,16 bar Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 16 m Max. Suction lift during operation: 17 m	Product name:	DDA 7.5-16
Technical: DDA 7.5-16 AR-PV/E/C-F-321001F Max. Flow: 7.5 l/h Max. flow in slow mode 50%: 3.75 l/h Max. flow in slow mode 25%: 1.88 l/h Min flow: 2.5 ml/h Turn-down ratio: 1:3000 Approvals on nameplate: Spring-Loaded (HV-version) Maximum viscosity at 100 %: 600 mPas Maximum viscosity in slow mode 25 %: Maximum viscosity in slow mode 25 %: Maximum viscosity in slow mode 25 %: Accuracy of repeatability: 1 % Materials: Dosing head: PVDF (Polyvinylidene fluoride) PVDF (Polyvinylidene fluoride) Installation: Range of ambient temperature: 0 45 °C Maximum operating pressure: 16 bar Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Hose 4/6 mm 3 Max. Suction lift during operation: 2 m Liquid: Pumped liquid: Water Liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum operating: 10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum operating: 1.5 m Type of cable plug: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Control yariant: AR Control yariant: AR Control yariant: AR AR AR AR AR AR AR A	Product No:	97721961
Technical: DDA 7.5-16 AR-PV/E/C-F-32I001F Max. Flow: 7.5 l/h Max. flow in slow mode 50%: 3.75 l/h Max. flow in slow mode 25%: 1.88 l/h Min flow: 2.5 ml/h Turn-down ratio: 1:3000 Approvals on nameplate: CE,CSA-US,NSF61,EAC,RCM Valve type: Spring-Loaded (HV-version) Maximum viscosity at 100 %: 600 mPas Maximum viscosity in slow mode 50 %: 1800 mPas Maximum viscosity in slow mode 25 %: 2500 mPas Accuracy of repeatability: 1 % Maximum viscosity in slow mode 25 %: 2500 mPas Accuracy of repeatability: 1 % Maximum viscosity in slow mode 25 %: 2500 mPas Accuracy of repeatability: 1 % Maximum viscosity in slow mode 25 %: 2500 mPas Accuracy of repeatability: 1 % Maximum viscosity in slow mode 25 %: 2500 mPas Accuracy of repeatability: 1 % Maximum viscosity in slow mode 25 %: 2500 mPas Accuracy of repeatability: 1 % Maximum over simple repeatability:	EAN number:	5710622721034
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Turn-down ratio: 1:3000 Approvals on nameplate: CE,CSA-US,NSF61,EAC,RCM Valve type: Spring-Loaded (HV-version) Maximum viscosity in slow mode 50 %: 1800 mPas Maximum viscosity in slow mode 50 %: 2500 mPas Maximum viscosity in slow mode 50 %: 1800 mPas Maximum viscosity in slow mode 50 %: 2500 mPas Accuracy of repeatability: 1 % Materials: PVDF (Polyvinylidene fluoride) Valve ball: Ceramic Gasket: EPDM Installation: Range of ambient temperature: 0 45 °C Maximum operating pressure: 16 bar Installation set: YES Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Control said: FRONT-MOUNTED Level control: AR Control panel: FRONT-MOUNTED Level control: YES Analog output: 0/4-20 MA Output relays: 2		1.88 l/h
Approvals on nameplate: Valve type: Valve type: Maximum viscosity at 100 %: Maximum viscosity in slow mode 50 %: Maximum viscosity in slow mode 25 %: Accuracy of repeatability: Dosing head: Valve ball: Ceramic Gasket: EPDM Installation: Range of ambient temperature: Maximum operating pressure: Installation set: Installation set: Pump inlet: Hose 4/6 mm up to 7,5 l/h,16 bar Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: Max. Suction lift during priming: Liquid: Pumped liquid: Liquid temperature: ange: Selected liquid temperature: Maximum power input - P1: Mains frequency: Rated voltage: In x 100-240 V Enclosure class (IEC 34-5): Liquid temperature: Control said: CE, CSA-US, NSF61, EAC, RCM 600 mPas 1800 mPas 1960 mpas 1		
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Maximum viscosity in slow mode 50 %: Maximum viscosity in slow mode 50 %: Maximum viscosity in slow mode 25 %: Accuracy of repeatability: Accuracy of repeatability: Dosing head: Valve ball: Gasket: EPDM Installation: Range of ambient temperature: Maximum operating pressure: Installation set: Installation set: Installation set: Installation if during operation: Amax. Suction lift during operation: Inquid: Pumped liquid: Liquid temperature: apse: Selected liquid temperature: Maximum power input - P1: Arakimum power input - P1: Arakimum power dabe: Installation: Arakimum power input - P1:	Valve type:	Spring-Loaded (HV-version)
Maximum viscosity in slow mode 25 %: Maximum viscosity in slow mode 25 %: Materials: Dosing head: Valve ball: Gasket: Installation: Range of ambient temperature: Maximum operating pressure: Installation set: Installation type: Installation: Installation: Installation: Installation: Installation: Installation	Maximum viscosity at 100 %:	600 mPas
Maximum viscosity in slow mode 25 %: Accuracy of repeatability: 1 % Materials: Dosing head: Valve ball: Ceramic Gasket: EPDM Installation: Range of ambient temperature: 0 45 °C Maximum operating pressure: 16 bar Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Control yariant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		1800 mPas
250 Miras Accuracy of repeatability: 1 % Materials: Dosing head: Valve ball: Ceramic Gasket: EPDM Installation: Range of ambient temperature: 0 45 °C Maximum operating pressure: 16 bar Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Control serious (PES) Control variant: AR Control panel: FRONT-MOUNTED VES Analog input: 0/4-20 MA Pulse control: YES Analog output: 0/4-20 MA Output relays: 2		
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Gasket: EPDM Installation: Range of ambient temperature: 0 45 °C Maximum operating pressure: 16 bar Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Dosing head:	PVDF (Polyvinylidene fluoride)
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Range of ambient temperature: 0 45 °C Maximum operating pressure: 16 bar Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Gasket:	EPDM
Maximum operating pressure: 16 bar Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Installation:	
Installation set: YES Installation type: 4/6 mm up to 7,5 l/h,16 bar Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Control variant: AR Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: O/4-20 MA Output relays: 2	Range of ambient temperature:	0 45 °C
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Pump inlet: Hose 4/6 mm 3 Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Vater Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: VES Ext. Stop input: YES Analog output: O/4-20 MA Output relays: 2	Installation set:	YES
Pump outlet: Hose 4/6 mm 3 Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Analog output: 0/4-20 MA Output relays: 2	Installation type:	4/6 mm up to 7,5 l/h,16 bar
Max. Suction lift during operation: 6 m Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Pump inlet:	Hose 4/6 mm 3
Max. Suction lift during priming: 2 m Liquid: Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Pump outlet:	Hose 4/6 mm 3
Liquid: Pumped liquid: Vater Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: Mains frequency: Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): Length of cable: 1.5 m Type of cable plug: Inrush current: 25A at 230V for 2ms Controls: Control variant: Control panel: Level control: AR Control yariant: AR Control yariant: Control: YES Analog input: O/4-20 MA Pulse control: YES Analog output: O/4-20 MA Output relays: 20 °C COC COC AV BROWN AV AV AV AV AV AV AV AV AV A	Max. Suction lift during operation:	6 m
Pumped liquid: Water Liquid temperature range: -10 45 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Max. Suction lift during priming:	2 m
Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: Mains frequency: Fated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): Length of cable: 1.5 m Type of cable plug: Inrush current: 25A at 230V for 2ms Control variant: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: Analog output: O/4-20 MA Output relays: 20 °C COC Analog output: A98.2 kg/m³ B98.2 kg/m³ AW ANA ANA ANA ANA ANA ANA ANA	Liquid:	
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Density: 998.2 kg/m³ Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Analog output: 0/4-20 MA Output relays: 2	Liquid temperature range:	-10 45 °C
Electrical data: Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Analog output: 0/4-20 MA Output relays: 2	Selected liquid temperature:	20 °C
Maximum power input - P1: 24 W Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Analog output: 0/4-20 MA Output relays: 2	Density:	998.2 kg/m³
Mains frequency: 50 / 60 Hz Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Electrical data:	
Rated voltage: 1 x 100-240 V Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	Maximum power input - P1:	24 W
Enclosure class (IEC 34-5): IP65 / NEMA 4X Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		50 / 60 Hz
Length of cable: 1.5 m Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		1 x 100-240 V
Type of cable plug: EU Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		IP65 / NEMA 4X
Inrush current: 25A at 230V for 2ms Controls: Control variant: AR Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		
Controls: Control variant: Control panel: Evel control: AR FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: Ext. Stop input: YES Analog output: O/4-20 MA Output relays: 2		
Control variant: Control panel: FRONT-MOUNTED Level control: YES Analog input: O/4-20 MA Pulse control: YES Ext. Stop input: Analog output: O/4-20 MA Output relays: 2		25A at 230V for 2ms
Control panel: FRONT-MOUNTED Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		
Level control: YES Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		
Analog input: 0/4-20 MA Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	<u>'</u>	
Pulse control: YES Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2		
Ext. Stop input: YES Analog output: 0/4-20 MA Output relays: 2	.	
Analog output: 0/4-20 MA Output relays: 2		
Output relays: 2		
Bus communication: YES		
	Bus communication:	YES









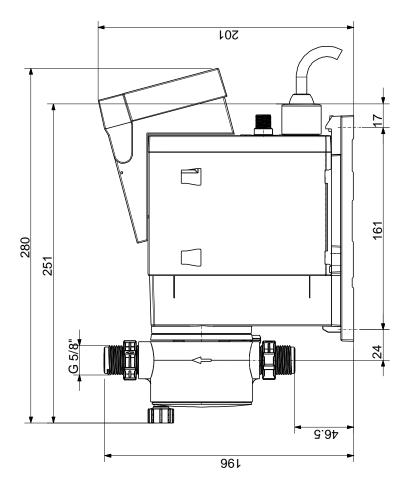
Date: 25/02/2020

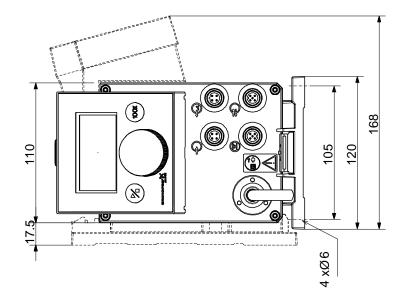
Description	Value
Others:	
Net weight:	3 kg
Gross weight:	4 kg
Color:	RED



Date: 25/02/2020

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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.