			Created by	Company name: Created by:					
		INDFOS	Phone:						
U		NDFUS /	Date:	12/6/2018					
Position	Count	Description	24101	. 2, 0, 2010					
	1	DDE 6-10							
		Product photo could vary from the actual product							
		Product No.: 98147344		· · · · · · · · · · · · · · · · · · ·					
		DDE 6-10 PR-PVC/T/C-X-31U7	U7BG						
		The SMART Digital DDE 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 degassing liquids. The duration of each discharge stroke varies according to the capacity set, resulting in optimum smooth and continuous discharge flow							
		<ul> <li>The click-stop mounting plate allows installation in three different positions without using any additional accessories. The dosing flow can be adjusted by means of an adjustment knob on a logarithmical scale from 0.1-100%.</li> <li>The dosing head is composed of: <ul> <li>Long lifetime and universal chemical resistant Full-PTFE diaphragm.</li> <li>Double ball valves for highest dosing accuracy.</li> <li>Deaeration valve for easy start-up.</li> </ul> </li> </ul>							
		Operation modes: - Manual dosing from 0.1 to 100%. - Pulse control (divisor function included).							
	Other features: - 100 % key (max. capacity), e.g. for deaearation.								
		<ul> <li>Operation mode switch key between manual and pulse.</li> <li>Status LEDs for pulse and manual.</li> <li>Mechanical lock to protect the pump against unauthorized access.</li> </ul>							
			st the pump against and						
		Signal- Inputs/outputs: - Input for pulse, external s	ston						
	<ul> <li>2 potential free output relays for max. 30 V AC/DC (configurable, alarm, low lev signal and pulse)</li> </ul>								
		Controls:							
		Control variant: Ext. Stop input:	PR NO						
		Liquid:							
		Pumped liquid: Liquid temperature range:	Water 14 113 °F						
	Liquid temperature during operation: 68 °F Density: 62.29 lb/ft <sup>3</sup>								
		Technical:							
		Type key:	DDE 6-10 PR-PVC/T/	/C-X-31U7U7BG					
		Max. Flow:	1.585 US gal/hour						



			Date:	12/6/2018
ition	Count	Description		
		Min flow:	6.0 ml/h	
		Turn-down ratio:	1:1000	
		Approvals on nameplate:	CE,CSA-US,NSF61,RCM	
		Valve type:	Standard	
		Maximum viscosity at 100 %:	50 mPas	
		Maximum viscosity in slow mode	e 50 %: N/A mPas	
		Maximum viscosity in slow mode		
		Accuracy of repeatability:	5 %	
		Materials:		
		Dosing head:	PVC (Polyvinyl chloride)	
		Valve ball:	Ceramic	
		Gasket:	PTFE	
		Odsket.		
		Installation:	00 440 °E	
		Range of ambient temperature:	32 113 °F	
		Maximum operating pressure:	145 psi	
		Installation set:	NO	
		Installation type:	No installation set	
		Pump inlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	
		Pump outlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	
		Max. Suction lift during operation		
		Max. Suction lift during priming:		
		Electrical data:		
		Maximum power input - P1:	19 W	
		Main frequency:	60 Hz	
		Rated voltage:	1 x 100-240 V	
		Enclosure class (IEC 34-5):	IP65 / NEMA 4X	
		Length of cable:	4.922 ft	
		Type of cable plug:	USA, Canada	
		Inrush current:	25A at 230V for 2ms	
		Others:		
		Net weight:	4.41 lb	
		Gross weight:	6.62 lb	
		Croco rreigini	0.02.10	



Date: 12/6/2018 98147344 DDE 6-10 60 Hz H [psi] DDE 6-10, 60Hz 160 150 140. 130-120 110 100. 90 80 70 60 50 40 30 20. 10-0 0.2 0.3 0.4 0.5 0.6 0.7 0.9 1.0 1.1 1.2 1.3 1.4 1.5 Q [US gal/hour] 0.1 0.8



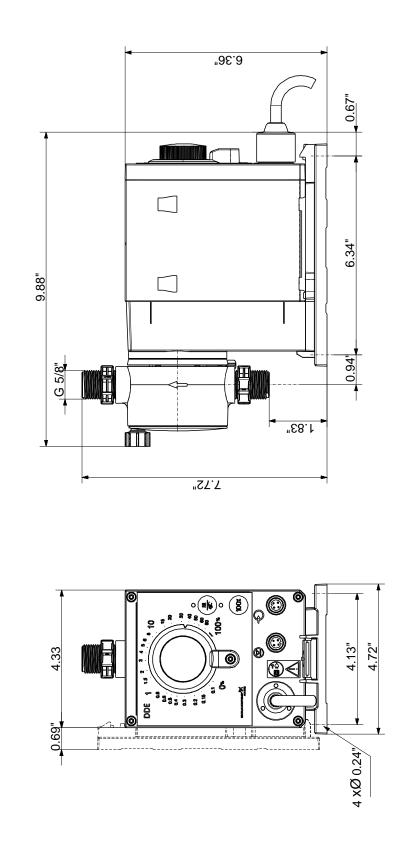
		Date:		12/6/20	10		
Description	Value	H [psi]				DDE	6-10, 60H
General information:							
Product name:	DDE 6-10	160 -					
Product No.:	98147344						
EAN:	5711490474411	150 -					
Technical:		140 -					
Туре кеу:	DDE 6-10 PR-PVC/T/C-X-31U7U7B	130 -					
Max. Flow:	9.585 US gal/hour	130-					
Min flow:	6.0 ml/h	120					
Turn-down ratio:	1:1000						
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	110 -					
Valve type:	Standard						
Maximum viscosity at 100 %:	50 mPas	100 -					
Maximum viscosity in slow mode 50 %:		90 -					
Maximum viscosity in slow mode 25 %:							
Accuracy of repeatability:	5 %	80 -					
Materials:		70 -					
Dosing head:	PVC (Polyvinyl chloride)	70-					
Valve ball:	Ceramic	60 -					
Gasket:	PTFE	00					
Installation:		50 -					
Range of ambient temperature:	32 113 °F						
Maximum operating pressure:	145 psi	40 -					
Installation set:	NO						
Installation type:	No installation set						
Pump inlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	20 -					
Pump outlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	10 -					
Max. Suction lift during operation:	19.69 ft						
Max. Suction lift during priming:	6.562 ft	0	).2 0.4	0.6	0.8 1.0 1	.2 Q [U	S gal/hou
Liquid:				0.0		α[ο	e gainea
Pumped liquid:	Water						
Liquid temperature range:	14 113 °F	0.69 4.3	33	-	9.88" G 5/8"		
Liquid temperature during operation:	68 °F			-			
Density:	62.29 lb/ft <sup>3</sup>			Br	┙ ┷╤╫┲══┨───		+
Electrical data:	02.20 10/10			B			
Maximum power input - P1:	19 W		<u>)</u> iè	7.72			
Main frequency:	60 Hz		J 🖷 🧉				.36
Rated voltage:	1 x 100-240 V	(D) P	<b>0</b> 0	-			Frank
Enclosure class (IEC 34-5):	IP65 / NEMA 4X			1.83			<u>v</u>
Length of cable:		4 xØ 0.24	3"		0.94" 6.34		0.67"
	4.922 ft	4 10 0.29 4.7	-				
Type of cable plug:	USA, Canada						
Inrush current:	25A at 230V for 2ms						
Controls:							
Control variant:	PR						
Ext. Stop input:	NO						
Others:							
Net weight:	4.41 lb						
Gross weight:	6.62 lb						



Date:

12/6/2018

## 98147344 DDE 6-10 60 Hz



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