



			Date:	11/21/2018			
osition	Count	Description					
		Signal inputs/outputs:					
		- Input for pulse, analog 0/	4-20mA, external stop.				
		<ul> <li>Input for low-level and empty-tank signal.</li> <li>Two potential-free output relays for max. 30 V AC/DC (configurable, e.g. alarm, s)</li> </ul>					
		pump dosing, timer etc.)					
		- Output analog 0/4-20mA.					
		<ul> <li>Fieldbus communication interface (GeniBus, also for additional Profibus DP E-box</li> </ul>					
		Technical:					
		Type key:	DDA 12-10 FC-PV/T/C-F-	-31U7U7BG			
		Max. Flow:	3.17 US gal/hour				
		Max. flow in slow mode 50%:	1.585 US gal/hour				
		Max. flow in slow mode 25%:	0.7925 US gal/hour				
		Min flow:	12.0 ml/h				
		Turn-down ratio:	1:1000				
		Approvals on nameplate:	CE,CSA-US,NSF61,RCM	1			
		Valve type:	Standard				
		Maximum viscosity at 100 %:	300 mPas				
		Maximum viscosity in slow mode					
		Maximum viscosity in slow mode Accuracy of repeatability:	25 %: 2500 mPas				
		Accuracy of repeatability.	1 70				
		Materials:					
		Dosing head:	PVDF (Polyvinylidene fluc	oride)			
		Valve ball:	Ceramic				
		Gasket:	PTFE				
		Installation:					
		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:	9.843 ft				
		Liquid:					
		Pumped liquid:	Water				
		Liquid temperature range:	14 113 °F				
		Liquid temperature during opera					
		Density:	62.29 lb/ft <sup>3</sup>				
		Electrical data:					
		Maximum power input - P1:	24 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				
		Controls:					
		Control variant:	FC				
		Level control:	YES				
		Analog input:	0/4-20 mA				
		Pulse control:	YES				
		Ext. Stop input:	YES				
		Analog output:	0/4-20 mA				



			Date:	11/21/2018
Position	Count	Description		
		Output relays:	2	
		Bus communication:	2 YES	
		Others: Net weight:	6.62 lb	
		Gross weight:	8.82 lb	
		Gross weight: COLOR:	RED	
		Custom tariff no.:	8413.50.0050	
	1			



Date: 11/21/2018 97722521 DDA 12-10 60 Hz H [psi] DDA 12-10, 60Hz 160 150 140. 130-120 110 100. 90 80 70 60 50 40 30 20. 10-0 0.2 0.4 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 Q [US gal/hour] 0.6 0.8



		Date:	11/21/2	2018	
Description	Value	H [psi]			DDA 12-10, 60H
General information:					
Product name:	DDA 12-10	160 -			
Product No.:	97722521				
EAN:	5710622726640	150 -			
Technical:		440			
	DDA 12-10	140 -			
Type key:	FC-PV/T/C-F-31U7U7BG	130 -			
Max. Flow:	3.17 US gal/hour				
Max. flow in slow mode 50%:	1.585 US gal/hour	120 -			
Max. flow in slow mode 25%:	0.7925 US gal/hour				
Min flow:	12.0 ml/h	110 -			
Turn-down ratio:	1:1000				
Approvals on nameplate:	CE,CSA-US,NSF61,RCM	100 -			
Valve type:	Standard				
Maximum viscosity at 100 %:	300 mPas	90 -			
Maximum viscosity at 100 %.	1300 mPas	80 -			
Maximum viscosity in slow mode 50 %.		80 -			
		70 -			
Accuracy of repeatability:	1 %	(°]			
Materials:		60 -			
Dosing head:	PVDF (Polyvinylidene				
-	fluoride)	50 -			
Valve ball:	Ceramic				
Gasket:	PTFE	40 -			
Installation:					
Range of ambient temperature:	32 113 °F	30 -			
Maximum operating pressure:	145 psi				
Installation set:	NO	20 -			
Installation type:	No installation set				
	0.17x 1/4, 1/4x3/8,	10 -			
Pump inlet:	3/8x1/2"	-			
Pump outlet:	0.17x 1/4, 1/4x3/8, 3/8x1/2"	0	0.5 1.0	1.5 2.0 2	.5 Q [US gal/hou
Max. Suction lift during operation:	19.69 ft			11.02"	
Max. Suction lift during priming:	9.843 ft		-	9.88"	
Liquid:		0.69 4.33		<u>G 5/8"</u>	
Pumped liquid:	Water				
Liquid temperature range:	14 113 °F			▖▀▋┍╼┌──	— <u> </u>
Liquid temperature during operation:	68 °F	$\  \otimes \bigcirc \circ$	∍   \		
					162
Density:	62.29 lb/ft <sup>3</sup>	6			
Electrical data:		<u>Ö</u> poo	<b>0</b> .T	<b>_</b>	
Maximum power input - P1:	24 W	, pie			==≠±51 V
Main frequency:	60 Hz	4 x0 0.24 4.13"		0.94" 6.34"	0.67
Rated voltage:	1 x 100-240 V	4.72*			,
Enclosure class (IEC 34-5):	IP65 / NEMA 4X	H- 6.61	+		
Length of cable:	4.922 ft				
Type of cable plug:	USA, Canada				
Inrush current:	25A at 230V for 2ms				
Controls:					
Control variant:	FC				
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				
Bus communication:	YES				
Others:					
Net weight:	6.62 lb				



DescriptionValueGross weight:8.82 lbCOLOR:REDCustom tariff no.:8413.50.0050



Date:

11/21/2018

## 97722521 DDA 12-10 60 Hz

