

01 Specs 01Titel	VarioSwitch 010a / 24V	06.09.16 KF VS.03	Projekt No.
Item / No.	Description/ Quantity/ Unit	Unit price	total price
01.1 Position	<p><b>Description:</b>  <b>Compact underwater switch with one inlet and 2 outlets (E1, E2) , able to switch flow direction almost pressureloss free from E1 to E2 and vice versa.</b></p> <p>Installation and operation in freshwater.*</p> <p><b>Technical data:</b>  Dimensions (L x W x H): 150x120x210 [mm]  Nominal voltage: 24 V/DC  Power consumption: 2 x 8 W  Flowrate min.: 35 l/min  Flowrate max.: 95 l/min  Pressure min.: 0.1 bar  Pressure max.: 3.4 bar  Protection class: IP 58  Strainer (Ø): 2 mm  Material: ABS-GF10/Stainless steel 1.4301  Weight: 5.2 kg  Mounting direction: vertical/horizontal  Switch-over time: approx. 0.1s</p> <p><b>Connecting threads:</b>  Inlet (Outside thread): G1  Outlet 1 (E1, Outside thread): G1  Outlet 1 (E2/Bypass, Outside thread): G1</p> <p><b>Cable:</b>  Approx. 10m cable with open end.  Cable (H07-RNF): 3x1.5 mm<sup>2</sup></p> <p><b>Telescopic snorkal:</b>  Material: brass  Variable lenght (min/max): 152 mm</p> <p><b>Bypass cap:</b>  Material: brass</p>		

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	water-quality-matrix					
		Freshwater	Poolwater	Seawater		
	PH.Value	7,2 -7,6	7,2 -7,6	8		
	Hardness	8 -15 ° DH; 142 -267 ppm CaCo3	8 -15 ° DH; 142 -267 ppm CaCo3	20 -30 ° DH; 356 - 534 ppm CaCo3		
	Free Chlorine	< 0,3 mg/l; < 0,036 moz/gal	0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal	< 0,3 mg/l; < 0,036 moz/gal		
	Chlorine concentration	< 250 mg/l; < 30,28 moz/gal	< 200 mg/l; < 24,2 moz/gal	<=22000 mg/l; <=2664 moz/gal		
	Salinity	n. d.	n. d.	<= 4%; <= 40.000 ppm		
	Total Dry Residue	< 50 mg/l; < 6,06 moz/gal	< 50 mg/l; < 6,06 moz/gal	< 250mg/l; < 30,28 moz/gal		
	Temperature	4 -35° C; 39 - 95 ° F	4 -30° C; 39 - 86 ° F	4 - 20 ° C; 39 - 68 ° F		
	Supply and delivery according to manufacturer specifications.					
	Product / proof of delivery: <b>VarioSwitch 010a / 24V</b> <b>Art. 57472</b>					
	OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone : +49 5454 800					
	(or equivalent)					
..... Entered by the bidder						