

01 Specs 01Titel	VarioSwitch 015a / 24V	21.09.16 KF VS.02	Projekt No.
Item / No.	Description/ Quantity/ Unit	Unit price	total price
01.1 Position	<p>Description: 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.</p> <p>Installation and operation in freshwater.*</p> <p>Technical data: Dimensions (Lx W x H): 170x130x240 [mm] Nominal voltage: 24 V/DC Power consumption: 2 x 8 W Flowrate min.: 85 l/min Flowrate max.: 325 l/min Pressure min.: 0,2 bar Pressure max.: 3,0 bar Protection class: IP 58 Strainer (Ø): 2 mm Material: ABS-GF10/Stainless steel 1.4301 Cable length: 2 m Weight: 6,7 kg Mounting direction: vertical/horizontal Switch-over time: approx. 0.1s</p> <p>Connecting threads: Inlet (Outside thread): G2 Outlet 1 (E1, Outside thread): G1 1/2 Outlet 1 (E2/Bypass, Outside thread): G1 1/2</p> <p>Cable: Approx. 10m cable with open end. Cable (H07-RNF): 3x1.5 mm²</p> <p>Telescopic snorkal: Material: brass Variable lenght (min/max): 152 mm</p> <p>Bypass cap: 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:					
	VarioSwitch 015a / 24V					
	Art. 57435					
OASE GmbH						
Tecklenburger Str. 161						
48477 Hörstel / Germany						
Phone: +49 5454 800						
(or equivalent)						
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Entered by the bidder						