



VIVAX
METROTECH

Sondes

Technical Specifications V2.5



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A. D18 Sonde

Specifications	Sonde	
	D18 Sonde with M10 Stud End Cap	D18 Sonde with Eyelet End Cap
Model Number	D18-33-SR44 Sonde with threaded end cap VX203-01	D18-33-SR44 Sonde with eyelet endcap VX203-05
Description	D18 Small Sonde, 32.8kHz	
Construction	POM (<i>Polyoxymethylene</i>) & Stainless steel	
Weight	0.13lbs (0.06kg)	
Dimensions		
Battery	2 x SR44 button cell batteries	
Battery Life	10-hours	
Signal	Continuous sine wave	
Operating Frequency	32.8kHz	
Depth Range	15-feet (4.5m)	
Compatible with Receiver	All receivers with matching frequencies	
Environmental	2 BAR (29PSI), 65.6ft (20m)	
End Cap	M10 x 12mm(0.47") Stud	Eyelet (2.90mm)
Approvals	CE/FCC	
Manufacturing	ISO9001: 2015	
Temperature Range	5°F to 131°F (-20°C to 55°C)	
Warranty	12 months (excluding batteries)	


B. D22 Sonde

Specifications	Sonde	
	D22 9.8kHz Sonde	D22 83.1kHz Sonde
Model Number	D22-09-LR43 sonde VX203-15	D22-83-LR43 sonde VX203-16
Description	D22 Small Sonde, available in 9.8kHz or 83.1kHz frequency	




Construction	POM (<i>Polyoxymethylene</i>)	
Weight	5 oz. (140gm)	
Dimensions		
Battery	4 x LR43 Button cell batteries	
Battery Life	15-hours	
Signal	Continuous sine wave	
Operating Frequency	9.8kHz	83.1kHz
Depth Range	8-feet (2.4m)	
Compatible with Receiver	All receivers with matching frequencies	
Environmental	2 BAR (29PSI), 65.6ft (20m)	
Thread	¼-20 UNC female thread and M12 female thread	
End Cap	¼-20 UNC female threads 	M12 female threads 
Approvals	CE/FCC	
Manufacturing	ISO9001: 2015	
Temperature Range	-4°F to 122°F (-20°C to 50°C)	
Warranty	12 months (<i>excluding alkaline batteries</i>)	

C. D23 Flexible Sonde

Sonde	D23 512Hz Sonde	D23 640Hz Sonde
Specifications		
Model Number	D23F-512-AA Sonde	D23F-640-AA Sonde
	VX203-03	VX203-04
Description	D23 Flexible Sonde available in 512Hz or 640Hz	
Construction	<ul style="list-style-type: none"> POM (Polyoxymethylene) & Stainless Steel In three interconnected sections 	
Weight	0.95lbs (0.43kg)	




Dimensions		
Battery	1 x AA alkaline battery (LR6)	
Battery Life	12-hours	
Signal	Continuous sine wave	
Operating Frequency	512Hz	640Hz
Depth Range	22-feet (7m)	
Compatible with Receiver	All receivers with matching frequencies	
Environmental	2 BAR (29PSI), 65.6ft (20m)	
End Cap	M10 x 12mm (0.47") Stud	
Approvals	CE/FCC	
Manufacturing	ISO9001: 2015	
Temperature Range	5°F to 185°F (-20°C to 85°C)	
Warranty	12 months (excluding batteries)	

D. D38 Sonde

Specifications	D38 9.82kHz Sonde	D38 33kHz Sonde	D38 83.1kHz Sonde
Model Number	D38-09-AA sonde VX203-17	D38-33-AA Sonde VX203-18	D38-83-AA Sonde VX203-19
Description	D38 Standard Sonde available in 9.8kHz, 32.8kHz or 83.1kHz		
Construction	POM (Polyoxymethylene)		
Weight	0.31lbs (0.14kg)		
Dimensions			
Battery	1 x AA alkaline battery		
Battery Life	20-hours		
Signal	Continuous sine wave		

Operating Frequency	9.8kHz	32.8kHz	83.1kHz
Color Code	Orange identifying band	Yellow identifying band	Red identifying band
Depth Range	16-feet (5m)		
Compatible with Receiver	All receivers with matching frequencies		
Environmental	2 BAR (29PSI), 65.6ft (20m)		
End Cap	M10 x 9mm (0.35") Stud		
Approvals	CE/FCC		
Manufacturing	ISO9001: 2015		
Temperature Range	-4°F to 122°F (-20°C to 50°C)		
Warranty	12 months (excluding alkaline batteries)		

E. D64 Sonde

Sonde	D64 9.8kHz Sonde	D64 32.8kHz Sonde	D64 83.1kHz Sonde
Specifications			
Model Number	D64-09-LR61 sonde VX203-20	D64-33-LR61 Sonde VX203-21	D64-83-LR61 sonde VX203-22
Description	D64 Sewer Sonde available in 9.8kHz, 32.8kHz or 83.1kHz		
Construction	POM (Polyoxymethylene)		
Weight	0.72lbs (0.27kg)		
Dimensions			
Battery	1 x 9V Alkaline (6LR61)		
Battery Life	15-hours		
Signal	Continuous sine wave		
Operating Frequency	9.8kHz	32.8kHz	83.1kHz
Color Code	Orange identifying band	Yellow identifying band	Red identifying band
Depth Range	26-feet (8m)		

Compatible with Receiver	All receivers with matching frequencies
Environmental	2 BAR (29 PSI), 20m (65.6-ft)
End Cap	M10 x 9mm (0.35") Stud
Approvals	CE/FCC
Manufacturing	ISO9001: 2015
Temperature Range	-4°F to 122°F (-20°C to 50°C)
Warranty	12 months (excluding alkaline batteries)

Disclaimer: Specifications and availability information are subject to change without prior notice.