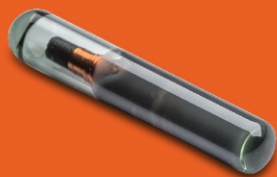


TS12

High Performance
Temperature Sensing
Passive Integrated
Transponder

Specification Sheet



SPECIFICATIONS		DESCRIPTION
BASE MODEL NUMBER		TS12
ELECTRONICS		
OPERATING FREQUENCY		134.2kHz
TEMPERATURE RANGE		35° - 45°C
ACCURACY		+/- 0.5°C
CODE STRUCTURE		64 bits (ISO 11788) CRC-CCITT
PHYSICAL		
DIMENSIONS		2.1 x 12.5mm
TAGGING METHOD		Subcutaneous
HOUSING MATERIAL		Bioglass – Laser Sealed – Parylene Coating
CHEMICAL AND MECHANICAL		
WATER		IP68, 68° F (20° C), 3.3 ft (1 m) x 24 h
WITHSTAND EXPOSURE TO		Alcohol, ammonium chloride 25%, fuel B, HCL 10%, salt water
ENVIRONMENTAL TEST CONDITIONS		68° F (20° C), 100 h
VIBRATION		IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]
SHOCK		IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]
ISO STANDARD & WARRANTY		
STANDARDS		ISO 11784, ISO 11785 (FDX-B)
ICAR		900 Per ICAR Assignment for Voda IQ
MANUFACTURE		Voda IQ
WARRANTY		2 years
OTHER		
PACKAGING: Vial of 100 tags; Sterile single tag preload implanter in sealed bag.		
TS12 requires reader capable to display temperature data as VodaIQ R8BT or RT600 Pro.		



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