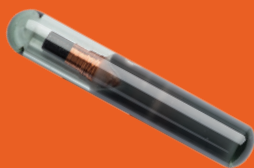


TS8

High Performance
Temperature Sensing
Passive Integrated
Transponder

Specification Sheet



SPECIFICATIONS		DESCRIPTION
BASE MODEL NUMBER		TS8
ELECTRONICS		
OPERATING FREQUENCY		134.2kHz
TEMPERATURE RANGE		35° - 45°C
ACCURACY		+/- 0.5°C
CODE STRUCTURE		64 bits (ISO 11788) CRC-CCITT
PHYSICAL		
DIMENSIONS		8 x 1.25mm
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.		
TS8 requires reader capable to display temperature data as VodaIQ R8BT or RT600 Pro.		



www.vodaiq.com
Email: info@vodaiq.com
Phone (USA): 1-208-366-9663
© 2025 All Rights Reserved