






Smart Point® Technical Specifications

Model	NTCL 1024	NTCL 4096	NT 4096	VNT 5 4096 Screw model	GA 1024 SE
Dimensions	Circular section Øi 5.4 mm	Circular section Øi 5.4 mm	Circular section 5.4 mm	Circular section Øi 5.4 mm	D. Max 6.4 mm 0.252"
	Øe 6.50 mm	Øe 6.50 mm		Øe 8.0 mm	
Photo					
Height	1.25 mm	1.25 mm	1.25 mm	h screw: 11.50 mm	h: 2.20 mm
Structure	AISI 316 L				
Access	By Contact				
Chip Identification	8 bits	8 bits	8 bits	8 bits	8 bits
Use Identification	16 bits/page	16 bits/page	16 bits/page	16 bits/page	16 bits/page
Access Code	32 bits/page	32 bits/page	32 bits/page	32 bits/page	32 bits/page
Memory Organization	2 pages	4 pages	4 pages	4 pages	2 pages
Memory capacity	2 x 58 characters	4 x 122 characters	4 x 122 characters	4 x 122 characters	2 x 58 characters
Operational temperature	-25°C +85°C -13°F +248°F	-25°C +85°C -13°F +248°F	-25°C +85°C -13°F +248°F	-25°C +85°C -13°F +248°F	-25°C +85°C -13°F +248°F
Temperature of storage	-40°C +120°C -20.8°F +350°F	-40°C +120°C -20.8°F +350°F	-40°C +120°C -20.8°F +350°F	-40°C +120°C -20.8°F +350°F	-40°C +120°C -20.8°F +350°F
Conservation period	100 years at +25°C (248°F)				
Power supply	negative pole case connected, positive to the central contact				
Read/Write	Bidirectional serial transmission placed above the power. The transmission is made possible only through the interface module consists of the content from the device read/write. Only interface that enables Smart Point® transmission procedures approved by label Smart Point®				
Resistance to	Ultraviolet Rays (NIHS 96-50), Chemical Agents (ISO 4538 – NIHS 96-50), Magnetic Fields (ISO 764 – 4800 A/m), Thermal Shocks, Condensation (ISO 3160-2), Salinity (ISO 9227), Tropical Climate (DIN 50017), Sterilisation Processes, Mechanical Vibrations (IEC 68-2-6), Mechanical Shocks (ISO 1413 – NIHS 91-10), X Rays, Drops in Pressure (Depressurisation), High pressure (NIHS 92-11 - ISO 6425), Electrostatic Discharges (MIL 883 method 3015)				