



Main

Range of product	OsiSense XG
Product or component type	Electronic tag
RFID electronic tag name	XGHB
RFID frequency	13.56 MHz
Design	Keyring
Memory capacity	736 B
Associated smart antenna	XGCS
[Sn] nominal sensing distance	30 mm with XGCS49 35 mm with XGCS89 35 mm with XGCS85
Outer dimension	40 x 31 x 4.8 mm
Quantity per set	Set of 25
IP degree of protection	IP67
Fixing mode	Steel ring

Complementary

Memory type	EEPROM
Memory operation	Read/Write
Number of read cycles	Unlimited
Number of write cycles	100000 at -25...80 °C
Data retention time	10 yr
Material	PC (polycarbonate)
Product weight	0.005 kg

Environment

Standards	ISO 14443
Ambient air temperature for operation	-5...80 °C
Ambient air temperature for storage	-25...80 °C
Vibration resistance	2 mm (f = 5...29.5 Hz) conforming to EN 60068-2-6 7 gn (f = 29.5...150 Hz) conforming to EN 60068-2-6
Shock resistance	30 gn for 11 ms conforming to EN 60068-2-27
IK degree of protection	IK02 conforming to EN 50102

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