



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	112 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 10
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 year(s)
Material	PC (polycarbonate)
Net weight	0.005 kg

Environment

Standards	ISO 15693
Ambient air temperature for operation	-5...80 °C
Ambient air temperature for storage	-25...80 °C
Vibration resistance	2 mm conforming to EN 60068-2-6 (f = 5...29.5 Hz) 7 gn conforming to EN 60068-2-6 (f = 29.5...150 Hz)
Shock resistance	30 gn conforming to EN 60068-2-27 for 11 ms
IK degree of protection	IK02 conforming to EN 50102

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	5 g
Package 1 Height	1 cm
Package 1 width	8 cm
Package 1 Length	10 cm
Unit Type of Package 2	BAG
Number of Units in Package 2	10
Package 2 Weight	60 g
Package 2 Height	7 cm
Package 2 width	3 cm

Package 2 Length	12 cm
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Weight	764 g
Package 3 Height	15 cm
Package 3 width	15 cm
Package 3 Length	40 cm

Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes

Dimensions

mm
in.

