



Main

Range of product	OsiSense XG
Product or component type	Electronic tag
RFID electronic tag name	XGHB
RFID frequency	13.56 MHz
Design	Flat form 26 x 26 x 13
Memory capacity	256 B
Associated smart antenna	XGCS
[Sn] nominal sensing distance	1.57 In (40 mm) XGCS49 1.65 In (42 mm) XGCS49 + field expander XGFEC2525 2.17 In (55 mm) XGCS89 2.17 in (55 mm) XGCS85
Outer dimension	26 x 26 x 13 mm
Quantity per set	Set of 1
Read time	12 + 0.825 x (number of 16-bit words) ms
Write time	20 + 11.8 x (number of 16-bit words) ms
IP degree of protection	IP68
Fixing mode	By screws By clips

Complementary

Memory type	EEPROM
Memory operation	Read/write
Number of read cycles	Unlimited
Number of write cycles	100000 -13...158 °F (-25...70 °C) 2500000 86 °F (30 °C)
Maximum linear speed with "auto read/write function"	9.19 Ft/S (2.8 m/s) XGCS49 read a serial number 2.62 Ft/S (0.8 m/s) XGCS49 read a word 0.98 Ft/S (0.3 m/s) XGCS49 read or write 10 words 13.78 Ft/S (4.2 m/s) XGCS89 read a serial number 8.53 Ft/S (2.6 m/s) XGCS89 read a word 1.64 Ft/S (0.5 m/s) XGCS89 read or write 10 words 13.78 Ft/S (4.2 m/s) XGCS85 read a serial number 8.53 Ft/S (2.6 m/s) XGCS85 read a word 1.64 ft/s (0.5 m/s) XGCS85 read or write 10 words
Data retention time	10 year(s)
Mounting location	Possible on metal support
Material	PBT (polybutylene terephthalate)
Net Weight	0.06 lb(US) (0.025 kg)

Environment

Standards	ISO 15693
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	2 mm 5...29.5 Hz)EN 60068-2-6 7 gn 29.5...150 Hz)EN 60068-2-6
Shock resistance	30 gn 11 ms EN 60068-2-27
IK degree of protection	IK02 EN 50102

Ordering and shipping details

Category	22491 - SENS,IDENTIFICATION DEVICE (XGK)
Discount Schedule	DS2
GTIN	00785901686125
Nbr. of units in pkg.	1
Package weight(Lbs)	0.05 lb(US) (0.02 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.79 in (2 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	3.54 in (9 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	25
Package 2 Weight	26.88 oz (762 g)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

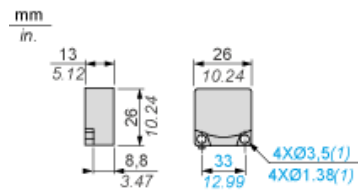
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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Dimensions

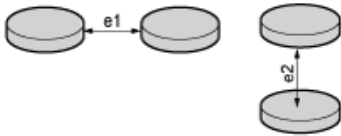
Updatable Code Electronic Tags



(1) For CHC type screws

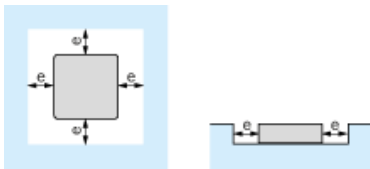
Minimum Mounting Distances

Distance Between Tags



XGCS4901201 smart antenna (format 40)		XGCS8•• smart antennas (format 80)	
e1	e2	e1	e2
50	10	120	50

Minimum Mounting Distances in a Metal Structure



(e) ≥ 20 mm.