



### Main

Range of Product	Telemecanique Radio frequency identification XG
Product or Component Type	Electronic tag
RFID electronic tag name	XGHB
RFID Frequency	13.56 MHz
Design	Flat form 40 x 40 x 15
Memory capacity	32 kB
Associated smart antenna	XGCS
[Sn] nominal sensing distance	0.98 In (25 mm) XGCS49 1.54 In (39 mm) XGCS89 1.54 in (39 mm) XGCS85
Outer dimension	40 x 40 x 15 mm
Quantity per Set	Set of 1
Read time	6 + 0.25 x (number of 16-bit words) ms
Write time	6 + 0.25 x (number of 16-bit words) ms
IP Degree of Protection	IP68
Fixing Mode	By clips By screws

### Complementary

Memory type	FeRAM
Memory operation	Read/write
Number of read cycles	10000000000
Number of write cycles	10000000000 -13...158 °F (-25...70 °C)
Maximum linear speed with "auto read/write function"	7.55 Ft/S (2.3 m/s) XGCS49 read a serial number) 5.91 Ft/S (1.8 m/s) XGCS49 read a word) 5.58 Ft/S (1.7 m/s) XGCS49 read or write 10 words) 12.47 Ft/S (3.8 m/s) XGCS89 read a serial number) 9.84 Ft/S (3 m/s) XGCS89 read a word) 8.53 Ft/S (2.6 m/s) XGCS89 read or write 10 words) 12.47 Ft/S (3.8 m/s) XGCS85 read a serial number) 9.84 Ft/S (3 m/s) XGCS85 read a word) 8.53 ft/s (2.6 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	0.068 lb(US) (0.031 kg)

### Environment

Standards	ISO 14443
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 conforming to EN 50102



## Ordering and shipping details

Category	US10DS222491
Discount Schedule	0DS2
GTIN	3389119079907
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.8 in (2.0 cm)
Package 1 Width	2.4 in (6.1 cm)
Package 1 Length	3.5 in (8.8 cm)
Package 1 Weight	1.7 oz (47.0 g)

## Offer Sustainability

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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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