

# XGHB320246

Electronic tag, Radio frequency identification  
XG, RFID 13.56 MHz, disc Ø 30 x 3, 2000  
Bytes



## 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	Disc
Memory capacity	2 kB
Associated smart antenna	XGCS
[Sn] nominal sensing distance	1.65 In (42 mm) XGCS49 + field expander XGFEC540 1.89 In (48 mm) XGCS49 2.56 In (65 mm) XGCS89 3.15 In (80 mm) XGCS49 + field expander XGFEC2525 2.56 in (65 mm) XGCS85
Outer dimension	Ø 30 x 3 mm
Quantity per Set	Set of 5
Read time	7 + 2 x (number of 16-bit words) ms
Write time	7 + 2.4 x (number of 16-bit words) ms
IP Degree of Protection	IP68
Fixing Mode	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"	6.89 Ft/S (2.1 m/s) XGCS49 read a serial number) 4.92 Ft/S (1.5 m/s) XGCS49 read a word) 1.97 Ft/S (0.6 m/s) XGCS49 read or write 10 words) 11.48 Ft/S (3.5 m/s) XGCS89 read a serial number) 8.20 Ft/S (2.5 m/s) XGCS89 read a word) 3.28 Ft/S (1 m/s) XGCS89 read or write 10 words) 11.48 Ft/S (3.5 m/s) XGCS85 read a serial number) 8.20 Ft/S (2.5 m/s) XGCS85 read a word) 3.28 ft/s (1 m/s) XGCS85 read or write 10 words)
Data Retention Time	10 year(s)
Material	PPA (polyphthalamide)
Net Weight	0.01 lb(US) (0.005 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	03389119056458
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	MY

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.39 in (1 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	3.54 in (9 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Weight	0.63 oz (18 g)
Package 2 Height	5.51 in (14 cm)
Package 2 width	3.15 in (8 cm)
Package 2 Length	0.39 in (1 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	250
Package 3 Weight	2.30 lb(US) (1.042 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

## 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>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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