

Product data sheet

XGHB221346

RFID electronic tag XG, 13.56 MHz, flat form 26x26x13, format E, 256 Bytes, EEPROM

Main

Range of product	Telemecanique Radio frequency identification XG
Product or component type	Electronic tag
RFID electronic tag name	XGHB
Design	Flat form 26 x 26 x 13
Sensor design	Flat form 26 x 26 x 13
ETIM classification	ETIM 9 - EC002996 - RFID transponder
Material	PBT (polybutylene terephthalate)
Fixing mode	By clips by screws
RFID frequency	13.56 MHz
[Sn] nominal sensing distance	40 mm with XGCS49, 42 mm with XGCS49 + field expander XGFEC2525, 55 mm with XGCS89, 55 mm with XGCS85
Memory capacity	256 B
Outer dimension	26 x 26 x 13 mm
Read time	12 + 0.825 x (number of 16-bit words) ms
Write time	20 + 11.8 x (number of 16-bit words) ms
Standards	ISO 15693
Indivisible sale quantity	1
Quantity per set	Set of 1

Complementary

Memory type	EEPROM
Number of read cycles	Unlimited
Data retention time	10 year
Memory operation	Read/write
Number of write cycles	100000 at -25-70 °C, 2500000 at 30-30 °C
Mounting location	Possible on metal support
Passing speed of object	2.8 m/s with XGCS49 (read a serial number), 0.8 m/s with XGCS49 (read a word), 0.3 m/s with XGCS49 (read or write 10 words), 4.2 m/s with XGCS89 (read a serial number), 2.6 m/s with XGCS89 (read a word), 0.5 m/s with XGCS89 (read or write 10 words), 4.2 m/s with XGCS85 (read a serial number), 2.6 m/s with XGCS85 (read a word), 0.5 m/s with XGCS85 (read or write 10 words)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Product weight	0.025 kg

Environment

IK degree of protection	IK02 conforming to IEC 62262
IP degree of protection	IP68
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for operation	-25-70 °C
Ambient air temperature for storage	-40…85 °C
Shock resistance	30 gn conforming to IEC 60068-2-27 for 11 ms
Vibration resistance	2 mm conforming to IEC 60068-2-6 (f = 5-29.5 Hz), 7 gn conforming to IEC 60068-2-6 (f = 29.5-150 Hz)

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 www.P65Warnings.ca.gov

Warranty

Warranty	18 months

Packing Units

Country of origin	FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916060612
Package 1 height	9 cm
Package 1 width	2 cm
Package 1 length	6 cm
Package 1 weight	0.025 kg
Unit type of package 2	S01
Number of units in package 2	25
New Package 2 GTIN 14	13666916060619
Package 2 height	15 cm
Package 2 width	15 cm
Package 2 length	40 cm
Package 2 weight	0.762 kg
Unit type of package 3	CAR
Number of units in package 3	1
New Package 3 GTIN 14	23666916060616

Package 3 height	6 cm
Package 3 width	9 cm
Package 3 length	2 cm
Package 3 weight	0.021 kg