xghb221346

RFID electronic tag - 13.56 MHz - flat form 26 x 26 x 13 -256 Bytes

Green Premium Product

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
Station name	XGCS
[Sn] nominal sensing distance	40 mm with XGCS49 42 mm with XGCS49 + field expander XGFEC2525 55 mm with XGCS89 55 mm with 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 clips By screws

Complementary

Memory type	EEPROM
Memory operation	Read/write
Number of read cycles	Unlimited
Number of write cycles	2500000 at 30 °C 100000 at -25...70 °C
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)
Data retention time	10 yr
Mounting location	Possible on metal support
Material	PBT (polybutylene terephthalate)
Product weight	0.025 kg

Environment

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

Offer Sustainability

Telemecanique Sensors

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0824 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available