

Product availability: Stock - Normally stocked in distribution facility



Main

Range of product	OsiSense 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	2.56 in (65 mm) with XGCS85 1.65 in (42 mm) with XGCS49 + field expander XGFEC540 1.89 in (48 mm) with XGCS49 2.56 in (65 mm) with XGCS89 3.15 in (80 mm) with XGCS49 + field expander XGFEC2525
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 at -13...158 °F (-25...70 °C)
Maximum linear speed with "auto read/write function"	With XGCS49 (read a serial number) With XGCS49 (read a word) With XGCS49 (read or write 10 words) With XGCS89 (read a serial number) With XGCS89 (read a word) With XGCS89 (read or write 10 words) With XGCS85 (read a serial number) With XGCS85 (read a word) With XGCS85 (read or write 10 words)
Data retention time	10 yr
Material	PPA (polyphthalamide)
Product 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 (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 11 ms conforming to EN 60068-2-27
IK degree of protection	IK02 conforming to EN 50102

Ordering and shipping details

Category	22491 - SENS,IDENTIFICATION DEVICE (XGK)
Discount Schedule	DS2
GTIN	003389119056458
Nbr. of units in pkg.	5
Package weight(Lbs)	0.01
Returnability	N
Country of origin	MY

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
-----------------	-----------

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XGHB320246](#)