



Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	OsiSense XG
Product or component type	Electronic tag
RFID electronic tag name	XGHB
RFID frequency	13.56 MHz
Design	Cylindrical M18
Memory capacity	256 B
Station name	XGCS
[Sn] nominal sensing distance	0.79 in (20 mm) with XGCS89 0.71 in (18 mm) with XGCS49
Outer dimension	M18 x 1 x 12
Quantity per set	Set of 5
Read time	12 + 0.825 x (number of 16-bit words) ms
Write time	19 + 4.1 x (number of 16-bit words) ms
IP degree of protection	IP68
Enclosure material	PBT
Fixing mode	By screws

Complementary

Memory type	EEPROM
Memory operation	Read/Write
Number of read cycles	Unlimited
Number of write cycles	2500000 at 86 °F (30 °C) 100000 at -13...158 °F (-25...70 °C)
Data retention time	10 yr
Product weight	0.04 lb(US) (0.02 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	7 gn (f = 29.5...150 Hz) conforming to EN 60068-2-27 2 gn (f = 5...29.5 Hz) conforming to EN 60068-2-27
Shock resistance	30 gn for 11 ms conforming to EN 60068-2-6
IK degree of protection	IK02 conforming to EN 50102

Ordering and shipping details

Category	22491 - SENS,IDENTIFICATION DEVICE (XGK)
Discount Schedule	DS2
GTIN	00785901852605
Nbr. of units in pkg.	5
Package weight(Lbs)	0.01
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Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0824 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months
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Authorized Distributor

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