

PRODUCT DATASHEET

iID[®] RFID Transponder

WIN-TAGstripe

13.56 MHz transponder for industrial applications:

- part and equipment tagging
- slim package
- long live memory available (on inquiry)
- especially designed for building industry

This transponder package is available with different chip types. They are integral part of microsensys iID system solution. Lens form transponder devices are very useful for integration in metal plates.

microsensys offers an attractive component platform for closed coupling RFID solutions.



microSensys
RFID in motion

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Carrier Frequency:	13.56 MHz
Technology:	RFID system iID [®] 2000, closed coupling, based on ISO 15693
Memory:	read write type: EEPROM, endurance >100.000 cycles, data retention > 10 years, (special type: > 60 years) ID-No and user OTP possible
Comm. Distance:	up to 15 mm, dependent on reader antenna and metal environment
Dimensions:	approx. 30 x 7.5 mm, max. TH 2.5 mm
Packaging Material:	chip in multi layer epoxy packaging, front side black EP, hermetically encapsulation
Mounting Instructions:	no direct using on metal
Marking:	standard without laser printed
Operating Temperature:	-25°C ... +85°C
Storage Temperature:	-45°C ... max. +125°C
Appropriate RFID Reader:	PEN reader, UNI13, POCKET mini, CFC reader, M30 HEAD and more
HOST Command Set:	see actual API documentation of microsensys iID driver engine or data sheets of silicon chip manufacturer

TAG Types	13.63.912.00	13.61.912.00	14.36.912.00*	
System:	ISO 15693	ISO 15693	ISO 15693	
Chip Type:	my-D	my-D	iID-Q long live	
Memory Capacity	2k RW	10k RW	2k RW	bit
Data Retention	>10	>10	>60	years
Comm. Rate	26.4	26.4	26.4	kbps
Comm. Distance	10	10	10	mm

measured with P13 reader antenna type, *) on inquiry

