

Product-type designation	
	
RF340T transponder SIMATIC RF300 TRANSPONDER RF340T 8 KBYTE FRAM, IP 67/X9K, -25 UP TO +85 DEGR/C 48 MM X 25 MM X 15 MM, MIN. ORDER QUANTITY 5 PCS	
Suitability for installation	RF300
Wireless frequencies	
Operating frequency / rated value	13.56 MHz
Electrical data	
Range	
• maximum	105 mm
Protocol / for radio transmission	RF300-specific
Transfer rate / with radio transmission / maximum	106 kbit/s
Product property / multitag-capable	Yes
Product component / Buffer battery	No
Memory	
Type of memory	FRAM/EEPROM
Memory capacity / of user memory	8189 byte
Type of memory organization	UID (fixed code) 4 bytes, user memory 8 189 bytes, OTP memory 20 bytes
Number of read cycles / at ambient temperature < 40 °C / maximum	10000000000
Number of write cycles / at ambient temperature < 40 °C / maximum	10000000000
Data retention time / at ambient temperature < 40°C / at least	10 a
Property of memory	Block-by-block write protection of the OTP memory
Mechanical data	

Material	PA12
Mounting distance / for metal surfaces / recommended / minimum	0 mm
Permitted ambient conditions	
Ambient temperature	
• during read/write access	-25 ... +85 °C
• outside the read/write area	-40 ... +85 °C
• during storage	-40 ... +85 °C
Protection class IP	IP67 / IPx9K
Resistance against shock	According to DIN EN 60721-3-7 Class 7 M3
Resistance against shock	500 m/s²
Resistance against vibration	200 m/s²
Design, dimensions and weight	
Width	25 mm
Height	15 mm
Depth	48 mm
Net weight	25 g
Product properties, functions, components / general	
Product feature / silicon-free	Yes
Product property / printable	No
Standards, specifications, approvals	
MTBF	1200 a
letzte Änderung:	Sep 14, 2014