

CE

Properties

- Length 85.6 and 116 mm
  Width 54 and 64.5 mm
  Height 0.8 and 5 mm
- LF and HF System
- Programmable and read only tags

Your Benefit

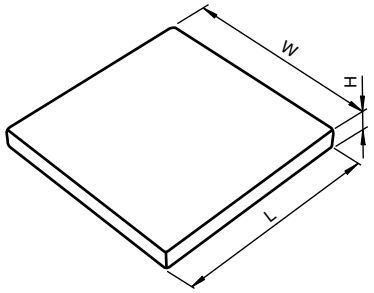
- Battery-free for an unlimited lifetime

Technical Data

*Detailed data, read/write distances and product description refer to data sheet on **www.pepperl-fuchs.com***

General Data							
Memory							
Read cycles	unlimited						

Model Number		IPC02-C1	IPC03-C1	IQC22-C1	IQC24-C1	IQC42-C1	IQC22-C4
Operating frequency	125 kHz	●	●				
	13.56 MHz (according to ISO/IEC 15693)			●	●		●
	13.56 MHz (according to ISO/IEC 14443)					●	
Transfer rate	2 kBit/s	●⑨	●				
	26 kBit/s			●	●		●
	106 kBit/s					●	
Memory							
Chip type	EM4102 Unique (EM Microelectronic)	●					
	EM4450 Titan (EM Microelectronic)		●				
	Tag-it HF-I Plus (Texas Instruments)			●			●
	NXP MF1 S5009					●	
Type/Size	EEPROM 2 kBit ROM 64 Bit			●			●
	EEPROM 1024 Byte ROM 56 Bit 752 Byte User data					●	
	EEPROM 928 Bit ROM 32 Bit		●				
	EEPROM 992 Byte ROM 64 Bit				●		
	ROM 64 Bit (40 Bit code, 24 bit data security)	●					
Ambient temperature	0 ... 50 °C (32 ... 122 °F)	●	●				
	0 ... 55 °C (32 ... 131 °F)					●	
	-20 ... 50 °C (-4 ... 122 °F)			●	●		
	-25 ... 70 °C (-13 ... 158 °F)						●
Protection degree	IP20						●
	IP67	●	●	●	●	●	
Material							
Housing	PVC	●	●	●	●	●	
	ABS						●



Dimensions				
Length L [mm]	116	85.6		116
Width W [mm]	54	54		64.5
Height H [mm]	0.8	0.8		5

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