

MarkTag MeM

DATA SHEET

The MarkTag MeM is a read-only 2.45 GHz RFID-tag.



KEY FEATURES

- ▶ Position independent read capacity
- ▶ Long read range
- ▶ Predictable lifetime of +6 years
- ▶ Small size and modern design
- ▶ Licence-free worldwide

The MarkTag MeM is the ideal choice of ID-tag for applications when a wider and longer reading range is needed. The MarkTag MeM has a great angle of reading by using a state of the art antenna technology.

The MarkTag MeM is a read-only 2.45 GHz RFID tag. Each ID-tag has a pre-programmed 8-digit unique identity code. It also has a large 32 bit checksum that virtually eliminates the risk of incorrect tag reads even with several ID-tags identified simultaneously. The ID-tag is battery powered, keeping the tag alert, for instantaneous response to the reader signal. The lifetime of the MarkTag MeM is

therefore fully predictable +6 years, independent of the number of times it is being identified.

PART NO. INFORMATION

MarkTag MeM	124000
WinFix MeM	193800
SpringClip MeM	193900

TECHNICAL INFORMATION

Operating frequencies	2.435 GHz to 2.465 GHz
Read range*	Example: up to 14 metres with LR-6 XL reader (46 ft)
Dimensions	41 x 41 x 13 mm (1.61 x 1.61 x 0.51 inch)
Material	Robust polymers
Battery lifetime	Typically +6 years. Lifetime is dependet on temperature
Operating temperatures	-20°C (-4°F) to +70°C (+158°F)
Encapsulation	IP54
Colour	Two tones of grey
Certifications	CE Certificate according to R&TTE-Directive 1999/5 /EC, Annex IV, Health: 1999/519/EC, EL.Safety: EN 60950, EMC: EN 301489-3:2000, Radio: EN 300 440:2001 RoHs

* Read range depends on reader settings.