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ELECTRONIC HARDWARE AG

13.56 MHz Multitag Plug and Play Reader Module
ME-H6160xx

The 13,56 MHz MicroEngine Multitag Plug and Play Reader Module is a contactless proximity read write device that supports ISO 15693, I-Code®, Tagit®, IS014443A and ISO 14443B cards. The P&P-Module is equipped with an RS-port and with an antenna and is ready for use. With its serial interface the device can be connected to a controller or PC very easily.

Features
Anticollision ISO 15693
Single shot of UID incl. delay time
Page read as continuous read default
Set of tag type is selectable

Applications
The main applications of the OEM Multitag are in the areas of:

- logistics
- retail
- web linking
- public transport
- access control
- time & attendance
- locking systems
- event management
- production data acquisition
- parking systems
- dispensers
- toll systems
- general user identification

Order Code:
9110.344 / ME-H6160BA
13.56 MHz Multitag PnP Reader Module
RS323 Interface

9110.346 / ME-H6160BB
13.56 MHz Multitag PnP Reader Module
RS422 Interface

9110.348 / ME-H6160BC
13.56 MHz Multitag PnP Reader Module
RS485 Interface

PS: ISO14443A/B Tags reading serial number only

Technical data
The Multitag Reader supports the majority of 13.56 MHz transponders available on the market.

Technical details of the Multitag P&P Reader	
Size	45,5 x 70,0 x 15,0 mm
Supported transponders	ISO 15693: EM 4135, Icode® SLI, LRI512, SRF55VxxP, SRF55VxxS, Tagit® HFI, TempSense, Tagit® Icode® ISO 14443A Mifare® Std, Mifare® Ultralight, MF1IC7O, Mifare ProX, SLE55R16 ISO 14443B: SLE66CL160S, SR176
Interface	RS232 / RS422 / RS485
Transmission Speed	9600, n, 8, 1 up to 57.6kBaud optionally
Reading distance	up to 120 mm (depending on antenna and tag)
Supply voltage	5V/100mA power down mode
Antenna	built in PCB-antenna
Signals	2 LED for power and read
Temperature range	- 20°C up to + 80°C
Approvals	EN300330 1/2