

M30 HEAD RS232 on inquiry

HI 78.91.255
HI 78.91.205

**13.56 MHz RFID unit
for industry applications
with integrated antenna**

The M30 HEAD can be used under harsh industrial environment conditions. A comfortable set of software functions makes this device very practicable for process control and for a wide range of available 13.56 MHz transponders.

microsensys offers this device together with the iID driver engine for all Windows applications or supports with customized command sets and software tools.



Transponder Systems and Chips: ISO 15693: Tag-it[®], I-CODE[®] SLI, EM4135, my-D[®]
on inquiry: iID[®]-3000, TELID[®] 2/3, I-CODE[®] 1, Ario[®] (RO), EM4006

Dimensions: D 30 (M30x1.5) x L 68 mm
Casing Material: plastic
optional with plastic nut

Operation Mode: closed coupling read/write and read only
standard iID command set *microsensys*
13.56 MHz RFID closed coupling
Air Interfaces: high speed and fast mode, no anticollision

Transponders and Read/Write Distances: 0 ... 50 mm, depending on TAG size and metal environment
Reader Antenna: A26

	Type 78.91.255.00	Type 78.91.205.10
Supply Voltage:	19 ... 24V	19 ... 24V Vdc, low noise
HOST Interface:	RS232 (Sub-D9, 2m)	RS232 (without connector, 2m)
Handshake:	data captured (open drain)	data captured (open drain)
HOST Data Protocol	standard iID	customized commands
iID Driver:	iID driver engine for Windows 98,2000,XP, Mobile or Win CE.net	
customized :	READ_INTERFACE-ID, START_SCAN, STOP_SCAN, GET_SCAN_STATE, RESET	
Parameter:	baud rate 19200 bps, no parity, 8 data bits, 1 stop bit, RS232-C	

Supply Current: active: 100 mA idle: 10 mA sleep: <10 µA
self controlled internal power down (after 80ms from active to idle)

Operation Temperature: 0°C ... +45°C (others on request)
Storage Temperature: -25°C ... +70°C
Protection Class: IP 64 (without connector)

Options: PC-Adapter for RS232TTL device

Supported Commands: see actual API documentation of *microsensys* iID[®] driver engine or optional customized commands