

**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<sup>®</sup>, I-CODE<sup>®</sup> SLI, EM4135, my-D<sup>®</sup>  
on inquiry: iID<sup>®</sup>-3000, TELID<sup>®</sup> 2/3, I-CODE<sup>®</sup> 1, Ario<sup>®</sup> (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
<b>Supply Voltage:</b>	19 ... 24V	19 ... 24V Vdc, low noise
<b>HOST Interface:</b>	RS232 (Sub-D9, 2m)	RS232 (without connector, 2m)
<b>Handshake:</b>	data captured (open drain)	data captured (open drain)
<b>HOST Data Protocol</b>	standard iID	customized commands
<b>iID Driver:</b>	iID driver engine for Windows 98,2000,XP, Mobile or Win CE.net	
<b>customized :</b>	READ_INTERFACE-ID, START_SCAN, STOP_SCAN, GET_SCAN_STATE, RESET	
<b>Parameter:</b>	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<sup>®</sup> driver engine or optional customized commands