PRODUCT DATASHEET

iID[®] Read Write Interfaces

M18 RFID HEAD

INDUSTRY HF RFID read/write unit

The integrated industry reader is designed for high speed transponder applications and can used under harsh industrial environments. This device is available with different HOST interfaces as RS232, P-CAN or RS232TTL. A comfortable set of software functions supported over *microsensys* iID driver engine and the polling mode makes this reader very flexible for customer solutions.

microsensys offers an attractive component platform for RFID solutions – from transponder over smart readers to practical software tools



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 This data sheet is subject to change.

 contact microsensys for latest information

M18head-02

RFIDSystem: Standards: Chip Solutions:	HF, iID [®] 3000 based on ISO 15693, ISO 14443, ISO 18 I-CODE [®] , Tag-it [®] , my-D [®] , iID [®] M, EM chip iID [®] G, iID [®] L, TELID [®] 200/300, Mifare [®] ultr on inquiry: mic3 [®] , iID [®] K, NFC, my					D 18000-3 hip types, ³ ultralight, , my-D [®] -S
Basics:	closed coupling	read / write un	it		:"D®	
RFID Air Interface: Operating Distance: Reader Antenna: Field Direction: Communication Rate:	13.56 MHz RFID, standard type doesn't support anticol 0 30 mm depending on transponder type and metal environ P13 closed coupling P13 antenna in front direction ISO 15693: 26.4 ISO 14443: 106					t direction 26.4 kbps
HOST Interface: Connector: Power Supply: Power Consumption: Software Interface : Operation Mode:	P-CAN, RS232	or RS232TTL,	I ² C M12 A-0	coded plug (type iID [®]	 52.38.250 with dir +8 24V or 5V, typ. 30mA (i typ. 200mA (act 3000PRO interfac DO 	ect cable) low-noise dle mode) ive mode) e protocol oC or SPC
Supported Commands:	see actual API documentation of microsensys iID igodot driver engine					
Options:	PC-Adapter for I	RS232TTL dev	vice			
Device Size: Casing Material: Mounting: Operation Temperature:	D18 mm (M18x1 metal, plastic on mountable with 2), L 78.5 mm front 2 nuts		please note metal environments		
Storage Temperature:	-5 0 +70 0				-25°C	: +85°C
Emissions:	CE, EN 300330					
Protection Class:	IP 65			for industrial applications		
Type: Downloaded OP System: HOST Interface: Power Supply:	52.37.700 iID3000 P-CAN +8 24V	52.36.700 * iID3000 RS232TTL 5V+/-5%	52.31.700 iID3000 RS232 +8 24V *) i	52.30.700* customized 2 x OUT +8 24V n development or	52.38.250* iID2000 I ² C, direct cable 5V+/-5% delivery only for spec	ial proiects

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