

Magnum 2013-0 TPF-30-BB LF Multifrequency 125 kHz / 134 kHz Multiprotocol FDX-B / HDX Mid Range RFID OEM Reader IP66 with 1 Antenna Output

The Magnum 2013-0 TPF-30-BB LF Multifrequency 125 kHz / 134 kHz Multiprotocol FDX-B / HDX Mid Range RFID OEM IP66 Reader with 1 Antenna Output was developed to connect 1 external antenna from the TPA-xxx series and is used by system integrators in applications like animal identification of Live Stock animals in feeding systems. System integrators supporting the waste management industry integrate the OEM RFID reader in their systems on waste trucks together with the comb- tooth and area antennas to identify waste bins carrying a BIN TAG or PLUG TAG. The LF 125 kHz / 134 kHz Mid Range OEM Reader supports the reading of 125 kHz FDX, 134 kHz HDX RFID TAGs.



Features

- OEM Reader for LF 125 kHz / 134 kHz BDE FDX-B and HDX Transponders
- Rugged IP66 Aluminium Housing
- Frequency switching by software command
- Suitable antennas of the TPA-series are available
- Antenna-Tuning via DIP switch
- TTL, RS232 or RS485 interface selectable
- Good Midrange Read range
- Also available as OEM board version without housing

Supported Transponder ICs:	EM4200 LF 125 kHz (+/- 5 %) ISO: De-Facto Standard Read 200 mm Range: The read range depends on the used transponder type and the external antenna type. EM4305 FDX-B LF 134 kHz (+/- 5 %) ISO: 11784, 11785 Read 200 mm Range: EM4305 FDX-B, BDE programmed LF 134 kHz (+/- 5 %) ISO: 11784, 11785 Read 200 mm Range: TI HDX, FSK 64 bit Read Only IC LF 134 kHz (+/- 5 %) ISO: 11784, 11785 Read 200 mm Range:
Supply Voltage:	10 ... 15 VDC (best read range by using a high quality linear power supply)
Number of Inputs:	2 x Opto Inputs
Number of Outputs:	2 x Opto Outputs
Length:	155.00mm
Width:	125.00mm
Height:	80.00mm
Weight:	1 000.00g
Colors:	Grey
Casing Material:	Aluminium, Plastic
MOQ:	1
Operation Temp.	-20°C ... 60°C
Storage Temp.	-20°C ... 60°C
Reading Distance:	200mm
IP Class:	IP66
Conformity:	CE, RoHS

Antenna Connection:	By clamp
Interface:	TTL, RS232 or RS485
Product Names:	Magnum 2013-0 TPF-30-BB Part-No. 7851-13-00
Additional Information:	• Suitable customised external antennas are available on request. • Made in Germany

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