

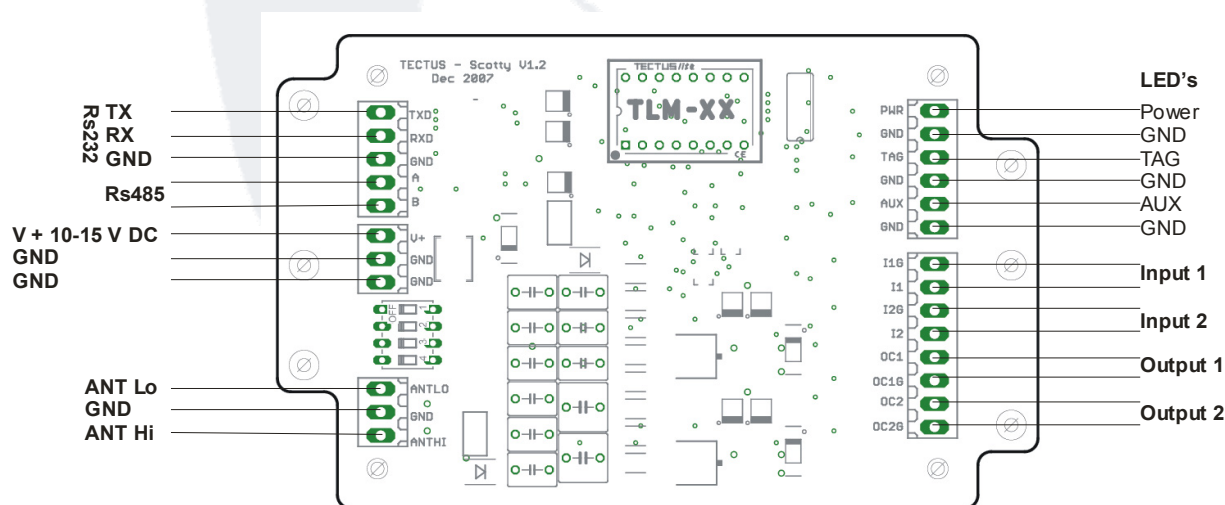


TLF-30-AA
RFID Reader
Multifrequency
125 kHz 134 kHz
BDE STANDARD CHIPS
FDX-B HDX
ISO/IEC 11784/785
ISO/IEC 18000-2

Description:	Industrial LF Mid Range Reader	
Transponder Types:	134 kHz FDX-B and HDX according to ISO/IEC 11784/785 125 kHz 64 bits Read Only Unique EM4102, EM4100, OTP Read Write TAGs operating in Unique Mode Manchester encoded BDE Standard Chips	
Dimensions:	125 mm x 80 mm x 155mm	
Housing:	Aluminium IP 66	
Power Supply:	10...15 VDC	(Best reading result by using a high quality linear power supply)
Interface:	RS 232 or RS485	
Operating Frequency:	134 kHz and 125 kHz (Software switchable)	(At room temperature 20° C)
Operating Temperature:	-40°C ... +60°C	
Technical Certificates:	CE	
Features:	- TECTUS TLM-30 Reader Module Core - LED's to indicate power and serial communication - Frequency switchable by software commands - Antenna tuning by DIP switch - Wide temperature range - Protected against damage from antenna open circuit or short circuit - Reverse polarity protected 	
Part number:	TLF- 30-AA	

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Connection Diagram:



Reading Test* Results TLF-30-AA Reader

Software Version	1.11	1.11	1.11
Antenna dimension (mm)	75 x 22	round Ø 90	200 x 200
	Reading	Distance	(mm)
HDX GLASS TAG 34 mm	110	180	250
HDX 25 mm DISC TAG	145	200	280
DISC TAGANY 24 mm FDX-B	110	190	230
SPACE TAG Unique 50 mm	150	320	400
SPACE TAG Unique 30 mm	120	240	290

* = at room temperature in free air