

265-524

# RS232 INT

VERSION 1

JAN 20th 1992

ESD MERCATOR  
SOUTH DENES  
GREAT YARMOUTH  
NORFOLK NR30 3PX

## COMPACT IN-LINE RS232 TO TTL CONVERTER

APPLICATION : Primarily designed for use with the Itron CU range of VFD modules which support serial input but it is also suitable for any application where RS232 needs to be converted to TTL levels.

### ELECTRICAL RATINGS

#### Absolute Maximum Ratings

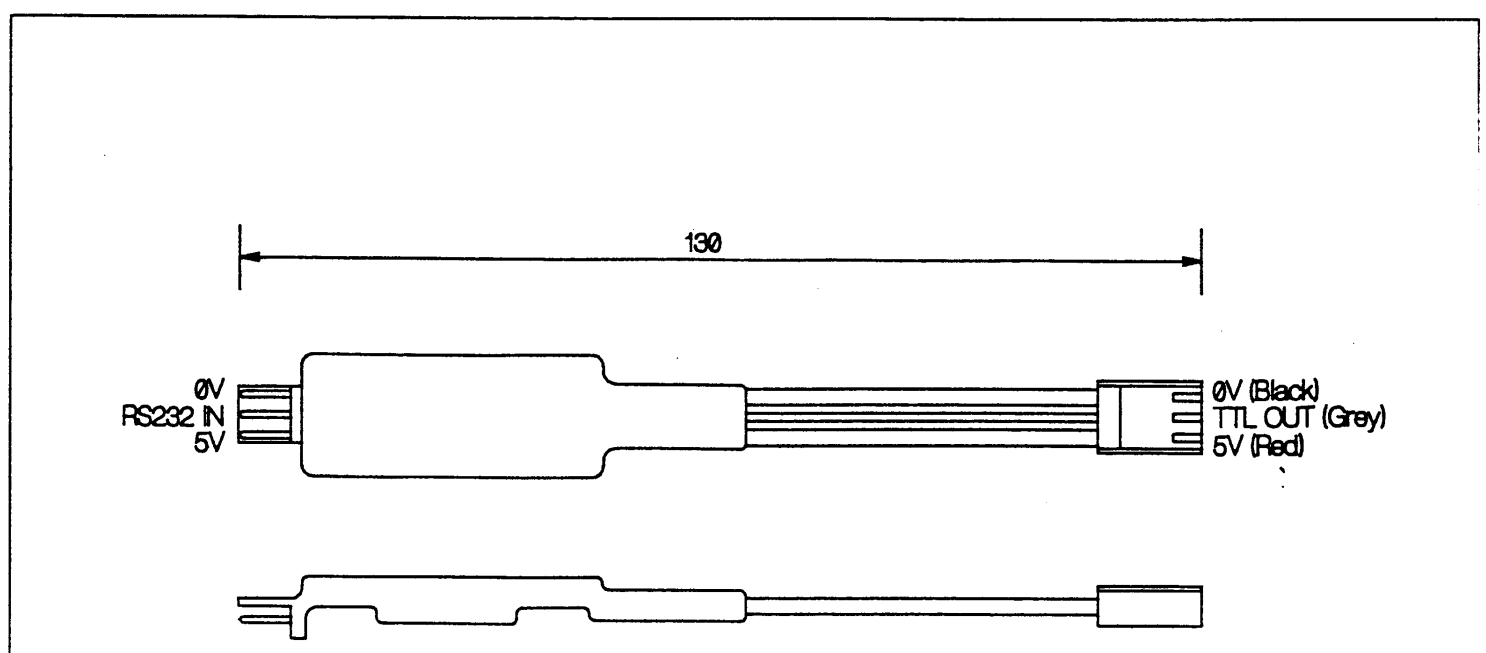
Power Supply Voltage : VCC +10.0 VDC MAX  
RS232 Input Voltage : VIN ± 30VDC MAX  
Baud Rate : 19,200bps MAX

### ENVIRONMENTAL SPECIFICATIONS

Operating temperature : -10 to +55°C  
Storage temperature : -20 to +70°C  
Operating humidity : 20 to 85% RH.

### TYPICAL OPERATING CONDITIONS

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITION
SUPPLY VOLTAGE	VCC	4.5	5.0	5.5	VDC	
OUTPUT VOLTAGE	H	V <sub>OH</sub>	2.8	4	-	VDC I <sub>OH</sub> = 300µA
	L	V <sub>OL</sub>	-	0.2	0.45	VDC I <sub>OL</sub> = 1.6mA
SUPPLY CURRENT	I <sub>CC</sub>	-	20	26	mA	VCC = 5.0V
THROUGH CURRENT		-	-	3	A	



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