Signal Conditioning Module

SCM-TTL-HTL

5V TTL to HTL Signal Converter

Electrical specification

Signal Input	5V TTL
Signal Output	HTL (pulse to supply)
Supply Voltage (V_S)	5V DC — 30V DC
Protection	Reverse polarity, momentary overvoltage and transient surge, short circuit (output to ground, output to supply)
High Output Voltage (O/C)	V_S - 0.1V typical, V_S - 0.2V min
Low Output Voltage (O/C)	0.2V typical, 0.65V max
High Output Voltage (Iout = 10mA/20mA)	V_S - 0.6V min / V_S - 1.0V min
Low Output Voltage (Iout = 10mA)	0.8V max / 1.0V max
Output Current Limit (Sink or Source)	80mA max
Operating Temperature Range	0°C to +80°C
Operating Frequency Range	0Hz – 300kHz
Connections	Vs+ = 5V-30V DC Supply 0V = 0V / Ground O/P = HTL Signal I/P = 5V TTL Signal SCR = Cable screen (internal connection to 0V)

MADE IN THE UK

Reliability, Guaranteed

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