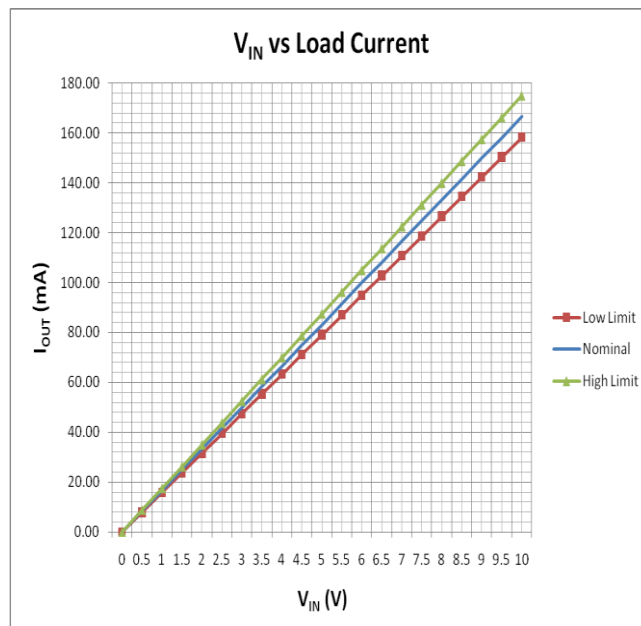
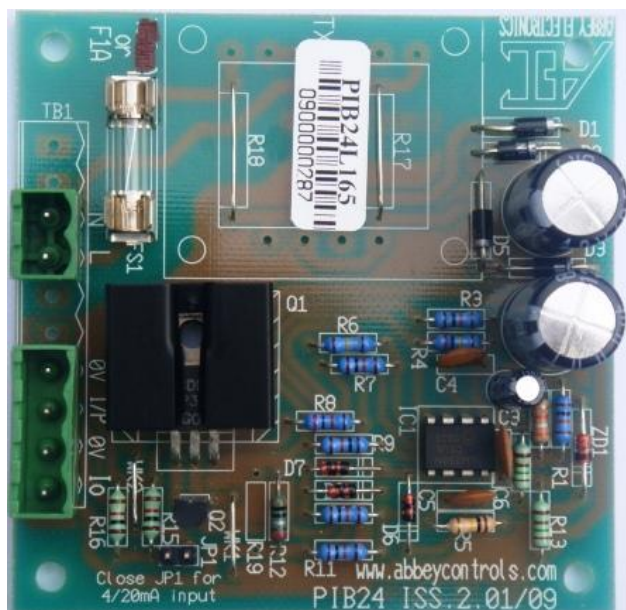




$$TF: I_{OUT} = \frac{V_{IN}}{k} ; k = 60.6\Omega$$

The PIB24L165 is a driver board which, for an input of 0 to 10V, generates a proportional output current of 0 to 165mA. By shorting out jumper JP1 (shorting header not supplied), the control will be changed from 10V operation to 20mA operation, i.e. an input of 0 – 20mA will cause the output to correspondingly change from 0 to 165mA. It requires a power source of 24V AC.

The transfer function is given by, $I_{OUT} = \frac{V_{IN}}{k}$ where $k = 60.6\Omega$

Specification				
Parameter	Quantity	Unit	Tol	Comment
Power Supply (N, L)	24	V	±10%	AC
Protection fuse	T2A	---	---	
Input voltage (0V, I/P)	0 – 10	V	---	DC
Output current (0V, I/o)	0 – 165	mA	±2%	DC
Enclosure rating	None		---	
Operating Temperature	-0 to +60	°C	---	
Dimensions	80 x 80 x 32	mm	---	No fixings supplied
Fixing/Mounting	4 holes			Dia. 4mm square pitch 70mm
Weight	42	g	±1	