



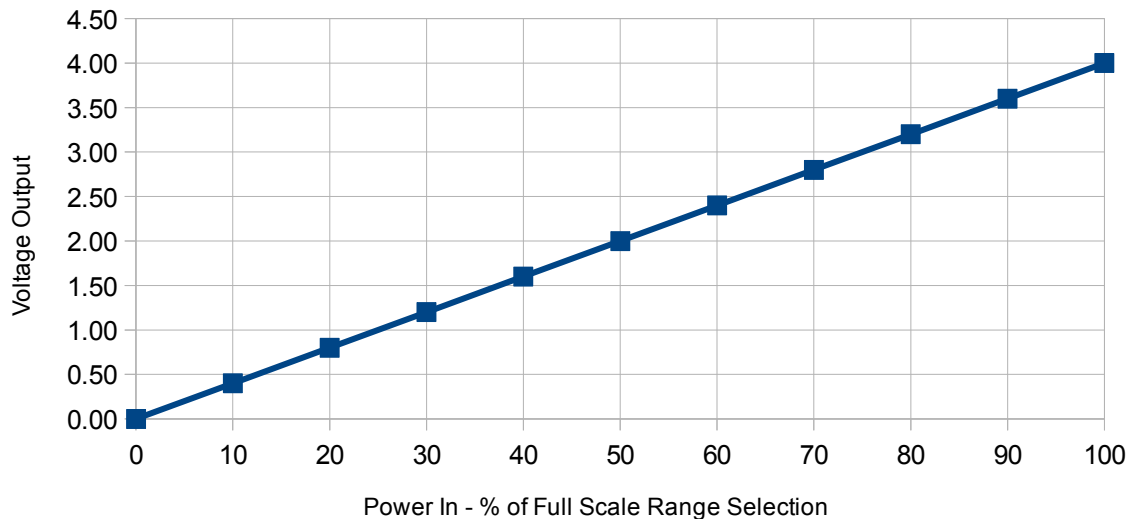
DPS-100D Application Note #3 DC Voltage Outputs

The DPS-100D provides voltage outputs which are proportional to the forward and reflected power being measured. The voltage output is 0 to 4.00V over a power input range of 0 to 100% of a “Full Scale” value selected by the user.

The transfer curve is therefore represented by the equation:

$$V_o = (P_{wr\ In} / \text{Full Scale Selection}) \times 4.00V$$

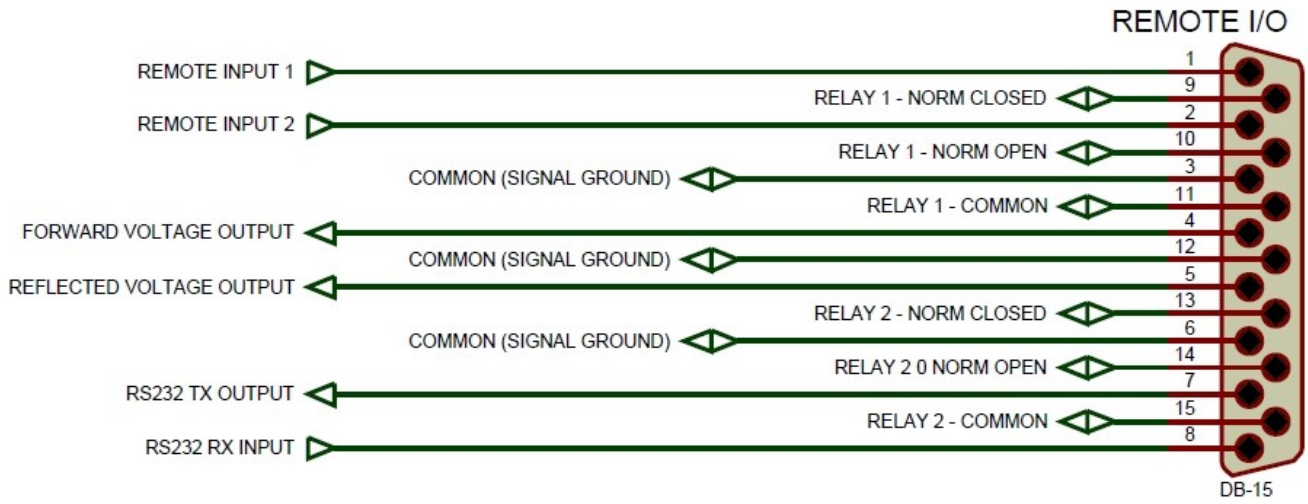
DPS-100D Voltage Output vs % Full Scale Range



Full Scale Range Selections

1W	10W	100W	1KW	10KW	100KW
2.5W	25W	250W	2.5KW	25KW	250KW
5W	50W	500W	5KW	50KW	500KW

DPS-100D Remote Connector



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