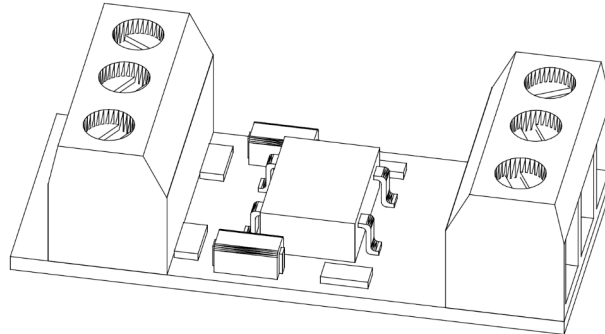


## BM03w +/-24v DC > 3-Wire Module

Converts +/- polarity reversing 2-wire to 3-wire



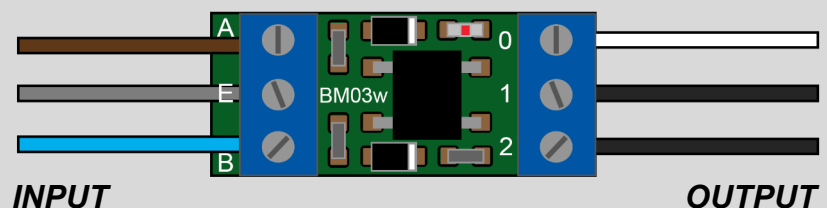
### Product Specification:

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Input Voltage:  | 24V +/- 20%                                                                                                                                                                                                                                |
| Maximum Output Current: | 0.7A (sustained, absorbed by attached drive—1A surge)                                                                                                                                                                                      |
| Forward Voltage Drop:   | 1.4V Max @ 24.0V/0.7A                                                                                                                                                                                                                      |
| Dimensions:             | 35x15x13mm (WxLxH)                                                                                                                                                                                                                         |
| Maximum Cable:          | 1.5mm <sup>2</sup> CSA                                                                                                                                                                                                                     |
| Mounting:               | Adhesive backing*                                                                                                                                                                                                                          |
| Features:               | <ul style="list-style-type: none"> <li>• End of line monitoring capable:<br/>10k<math>\Omega</math>, 27k<math>\Omega</math> &amp; 47k<math>\Omega</math> variants available.</li> <li>• LED indication of input supply present.</li> </ul> |
| Product codes:          | 10k $\Omega$ : BM03w-10, 27k $\Omega$ : BM03w-27 & 47k $\Omega$ : BM03w-47.<br>No end of line monitoring: BM03w-0.                                                                                                                         |

### Connection Detail:

**DO NOT SHORT CIRCUIT OUTPUTS!**

- A: Input +/-  
 B: Input +/-  
 E: EOL Monitoring  
 0: Output 0v\*\*  
 1: Output +24v\*\*\*  
 2: Output +24v\*\*\*



\*Adhesive mounting not to be placed on conductive surface. Designed to be mounted in ceramic joint box (not supplied).

\*\*0v is reference to outputs only.

\*\*\*+24v output state depends on input polarity. Actual voltage may vary on source.

Tested with BLE24 drives and controls from major manufacturers.