

TB086 (Rev1) - Recommended MPG Specifications

Overview

This document offers Centroid's recommendations pertaining to the style and type of MPG hand wheel. Centroid supports two different styles of MPG hand wheels: Differential Output 0-5V, and 0-5 TTL output.

Differential:

Differential MPG hand wheels offers superior noise immunity, and may be used in applications where long MPG cables are required. However, differential MPG's requires wiring additional signals and will increase labor costs in installing these types of units.

TTL:

TTL outputs offers a low cost wiring solution, at the expense of less noise immunity. TTL outputs will best work in applications where the MPG cables are relatively short.

Centroid's Recommendations:

Centroid sells NEMICON OLM-01-2Z1 TTL style MPG's and has had few problems with them. If the MPG's are to be used in a noisy environment with long MPG cables then a Sumtak LGT-003-100-05L might be the better choice.

Document History

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