MATERIAL HANDLING TELEMATICS

Speed Manager

Event-Based, Automatic Forklift Speed Control

Description

The **Speed Manager** is an on-board device, mounted on the forklift that automatically reduces the vehicle's maximum speed in response to specific qualifying events.

The device receives inputs from various devices and sensors also mounted on the vehicle, triggering the Speed Manager to restrict the throttle speed to one of two levels.

By proactively reducing the vehicle's speed prior to a potential collision, this preventive measure effectively averts incidents. Following an event, the system decelerates the vehicle, facilitating thorough inspections and assessments to ensure proper evaluation.

The Speed Manager is only compatible with electronically controlled (fly-by-wire) throttles.

Key Features

- Reduces speed automatically based on events (e.g., impacts, pedestrian proximity detection, safety non-compliance)
- Enables managers to set two speeds
- Controls speed in both forward and backward direction
- Designed to fit most make and model forklifts with electronic throttles
- Does not affect heavy hydraulic lifting operations and performance

Compatible with electronic throttles (Fly-by-Wire)

Designed to **Revolutionize Your Material Handling Operations**

The **Speed Manager** is designed to digitalize and revolutionize your material handling operations by significantly increasing the operations safety by reducing speed and related accidents.

- Increase safety
- Mitigate liability
- Protect brand reputation
- Boost employee morale

Technical Specifications

Inputs & Outputs

Inputs	1
Outputs	3
Configurable I/Os	2

Power

Input Voltage	9-36VDC (up to 72VDC with external voltage converter)
Consumption	30mA @24V (minimum), 300mA @9V (maximum)

Environmental

Temp, operation	-40° to 85° C
Temp, storage	-40° to 85° C
Ingress Protection	IP40

Certifications

Electromechanical	CE
Sustainability	RoHS

User Interface

LEDs	0

Size

Dimensions	133(W) x 130(H) x 38(L) mm; 5.2"(W) x 5.1" (H) x 1.5" (L)
Weight	300 gr (~0.66 lbs)

Installation

Mounting	Screwed in using mounting holes
Connections	Multi-wire, connectors and splicing

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