



Fleets that are not measuring operational downtimes at the individual level will not benefit in meaningful productivity and utilization gains

Individual Accountability

The myKPI (*Key Performance Indicator*) monitor provides material handling operations with a management tool to establish accurate data on vehicles usage trends.

Until now there has not been sensors on material handling vehicles to monitor that the operator is in **fact utilizing the equipment**.

Only IVDT's sensor technology integration provides detailed usage data allowing stake holders to determine if in fact the operator is utilizing equipment to the most effective end. The myKPI monitoring system utilizes a proprietary software algorithm that captures **all actual operational downtimes, automatically**.

Benchmark for Ongoing Performance Analysis

The system is developed to provide visual and recorded information on all actual vehicle operational downtimes as it happens in real time. The factory default utilization threshold for recording of all downtime events can be changed allowing for companies deploying myKPI to create engineered standards, effortlessly. Visual and audible notifications shown to the operator on LCD display of the current operational status in real time in itself is a means of increased percentage of vehicle hours utilized and operator productivity.



With a constant measurement of vehicle downtime events on every forklift, everyday, material handling operation will achieve consistent increase in percentage of vehicle hours utilized

Technical Data

- Voltage from 12 to 55 V DC
- Operating current 250 mA
- Technology, 16 bit micro controller
- 6 Mbit flash memory
- LCD Display, 2 lines x 16 characters, low temperature, super twist
- USB port data extraction
- Miniature strobe ultra bright light, typical brightness: 5300 cd/m
- Announcer module, typical sound pressure 90 dB(A)
- Announcer operating mode, custom recorded message
- Keypad 16key with tactile feedback
- Real time clock with battery backup

Hydraulic Pressure Transducer

- Port connection, male 1/4"-18 NPT
- Built in pressure snubber
- NEMA 4X protection
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- Housing material, Stainless steel AISI 303
- Weight 95 grams
- CE conformity, EN61326-203
- Installation, unrestricted

Recording (Excel file format)

- All operational unidentified downtime events (automatic recording)
- Vehicle ID#
- Operator ID#
- Session start times

Operator Vehicle Access Control

- Strobe light will be activated until valid operator ID# input
- Voice announcer will be activated until valid operator ID# input
- Recording of all valid ID# inputted into the system
- System valid operator's ID# capacity is up to 250. Range 1 to 3 digits
- myKPI operator access function does not disable vehicle operation

Utilization Factor

- Default utilization factor set to 80%
- Utilization factor can be changed by the end user as required

myKPI System Application

- All kinds of material handling vehicles

Order Number: myKPI

