OilPro

OilPro Controller Unit

MANUFACTURER CODE: V44C

SUPPLIER CODE:

ADVANTAGES & BENEFITS

- Customizable for specific workshop operations.
- On-site configuration via the OilPro Keypad
- Can be extended for extra functionality
- Cost effective as customization ensures a perfect fit.
- Easy to install and maintain with *'plug-and-play'* procedures.
- Easy to use and understand.
- Improve oil dispensing, usage and record keeping.

CONFIGURATION OPTIONS

- Buss connection using 485 Cable – maximum no of Units: 4
- Buss connection using Direct Cable - maximum no of Units: 4
- Master / Slave – maximum no of Units: 40
- *(If unsure of what configuration you require please contact us for assistance)*

APPLICATIONS

Bulk oil installations typically found in:
- Vehicle workshops
- Truck workshops
- Mining workshops
- Vehicle assembly plants
(other applications also available)

DESCRIPTION

On instruction by authorized users (via an OilPro Keypad) the OilPro Controller Unit controls the flow of oil / other bulk fluids from bulk tank to dispensing point by opening and closing solenoid valves installed at dispensing points and also at each air pump. Digital information about quantity dispensed is sent from the Pulse / Flow meters to the OilPro Controller Unit.

Each OilPro Oil Management System has to have a Main Controller Unit. Sub-controllers can be added to extend the number of solenoids switched up to a maximum of 175 solenoids. (See configuration options)

KEY FEATURES

- Modular design makes it easy to extend and increase capacity.
- 1, 2 or 3 Relay cards can slot into each Controller Unit (with a Processor card) and can switch up to 15 solenoids.
- OilPro Sub-controller Unit can switch up to 20 solenoids (no Processor card).
- Durable and robust.
- Safety cut-off after 5 minutes of inaction.
- Transfer pumps are individually controlled so that oil / bulk fluid lines are only pressurized when needed thus preventing product loss through leaks and the ensuing environmental implications.
- Up to 8 OilPro Keypads can be connected to a single OilPro Controller Unit.

TECHNICAL DATA

No of reels per Controller Unit	15 *(Unit with Processor Card)* 20 *(Unit with no Processor Card)*
Max no of reels per 485 Cable	75 *(4 Units)*
Max no of reels per Direct Cable	75 *(4 Units)*
Max no of reels per Master / Slave	750 *(10 stacks of 4 units)*
No of Keypads	8 per Unit
Weight	15 kg
Dimensions	397mm (h) x 348mm (w) x 177mm (d)
Power	24 V DC
Temperature Range	-25˚ C to 50 ˚ C
Components: *(Shipped already assembled)*	- Controller Chassis Box (Metalwork) - Chassis Printed Circuit Board - Processor Card - PC and Keypad connecting Printed Circuit Board - Relay Cards - Solenoid and pulse meter connecting Printed Circuit Board - Power Supply

Product Datasheet: OilPro Main Controller Unit

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