

Technical Data Sheet



CK184 TCU CONTROL KIT

Electric/Pneumatic Controls

Designed to allow a universal installation of a truck and trailer tipping system in a confined space, the TCU, CK184 leads the way with programmability and functionality.

With only a pendant control (with 2.5m lead) located in the cabin, the tipping operations can be controlled from any convenient location.

Product Features

- **Colour coded wiring**
Makes installation easier, therefore saving money.
- **Programmable**
Can be requested with different function modes.
- **Pre packaged system kit**
Everything provided for installation.
- **Versatile**
Can be used with 2 spool valve or single tipper and diverter valve.
- **Compact design**
No unsightly “bolt on” inside a new cab.
- **IP6K9K rating**
Ensuring operation in all conditions.

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Solenoid Direct Operated Poppet Valve - Normally Closed	
Operating Pressure	5-10 bar (72 to 145 psi)
Orifice	2.1mm
Power Consumption	8.7W (12V @ 0.73A - 24V @ 0.36A)
Protection Class	IP6K9K
Connector	2 Terminal Tyco HDSCS
Operating Temperature	-40 to 85°C Air must be dry to avoid ice formation at temperatures below 2°C
Valve Body	PA glass filled
Internal Parts	Stainless Steel
Seals	HNBR

CONTROL KIT DESIGNATION CODES

TCU Series CK184

CK 184 - 8 - 24

Identifier

CK = Control Kit

Kit Series

184

Solenoid Quantity

4

8

10

Other combinations available upon request

Voltage

12

24

Possible Functions	
PTO	Latching
Tailgate Lock	Latching
Fifth Wheel Lock	Latching
Raise	Momentary or Latching
Lower	Momentary or Latching
AUX 1 & 2	Latching

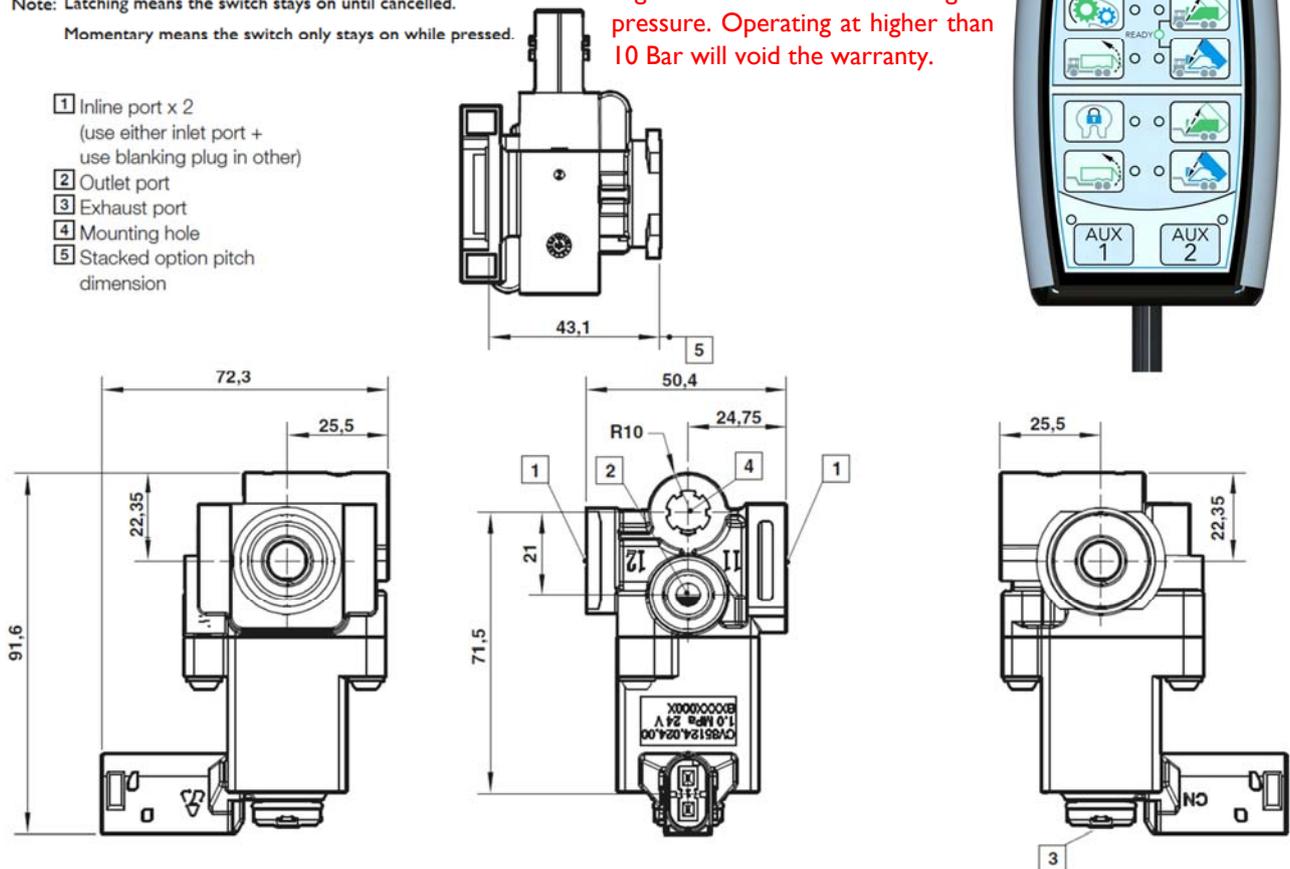
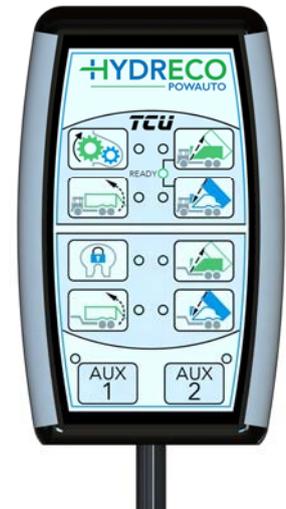
Refer to installation instructions for a full list of functions

Note: Latching means the switch stays on until cancelled.

Momentary means the switch only stays on while pressed.

- 1 Inline port x 2
(use either inlet port + use blanking plug in other)
- 2 Outlet port
- 3 Exhaust port
- 4 Mounting hole
- 5 Stacked option pitch dimension

Note: The valves are rated to a maximum air pressure of 10 Bar. It is necessary to install a pressure regulator on vehicles with a higher pressure. Operating at higher than 10 Bar will void the warranty.



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