



MOBILE CONTROL SYSTEMS SA



We make your engine run

Over 15 years of experience in remote controls has allowed Mobile Control Systems to develop a large range of programmable electronic throttle controls for industrial Diesel as well as CNG engines, electric motors and hybrid driven vehicles.

Approved by almost all of the most popular industrial engine manufacturers, thanks to its state of the art technology, MCS has rapidly become a preferred supplier to many construction-, mining-, handling- and agricultural equipment manufacturers, as well as to bus & coach and military vehicle manufacturers.

A young dynamic engineering team with quick response times, a skilled sales staff, and the capacity to customize our products in order to match your requirements are the fundamental reasons why the Company has shown such a rapid growth.

Come and look around at www.mcs-belgium.com, select the products which best fit your application, call us, and we'll make it run for you !

Hall effect heavy duty floor mounted throttle pedals

Aluminium throttle pedals 962 000 series



30°, 35° or 45°



Pedal with twin sensor



Pedal with swivel arm



Customized mounting plate



Pedal with rubber cover

Polyamide throttle pedals 965 000 series



Different treadle plates available
30°, 35° or 45°



Pedal with swivel arm

CAN J1939 pedal modules



962 000 with CAN module



965 000 with CAN module

For complete product specification,
go to: www.mcs-belgium.com

Inductive automotive floor mounted pedals

969 000 series



Available without or
with kick down



Hall effect heavy duty suspended throttle pedals

Polyamide throttle pedals 963 000 series



right sensor



twin sensor



left sensor

CAN J1939 pedal modules



963 000 with CAN module

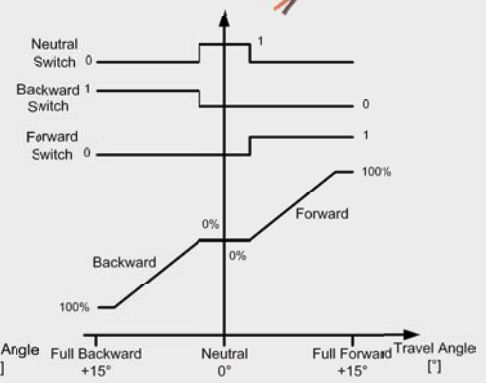
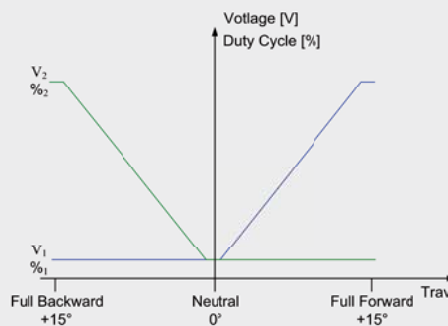
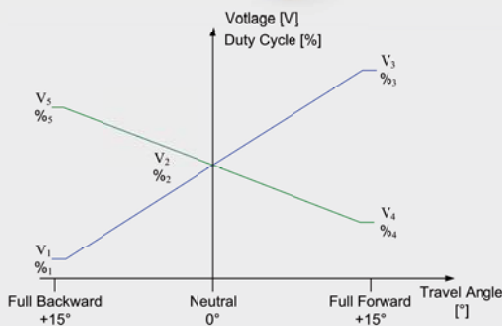


Pedal with swivel arm

Programmable electronic implement and hydrostatic drive controls

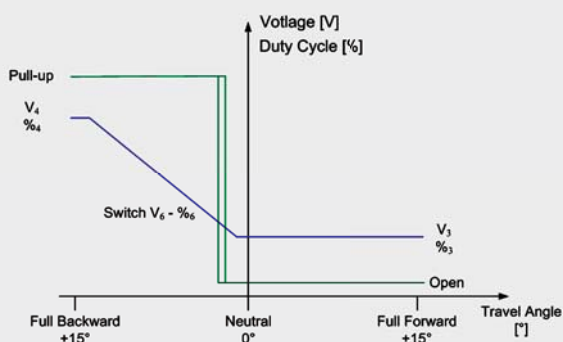
Narrow or Wide Dual Acting Pedal - Single sensor

CAN J1939 pedal modules

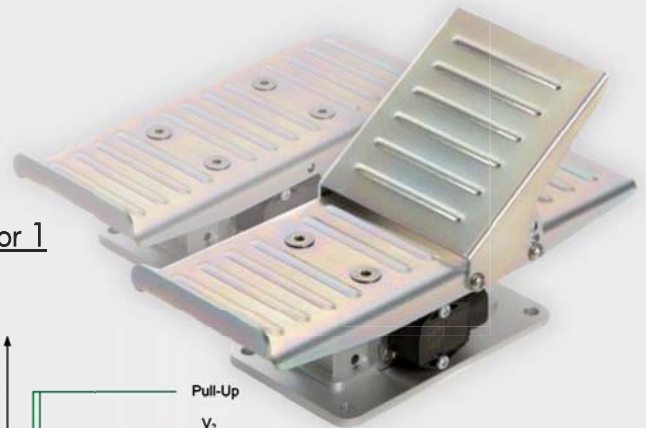
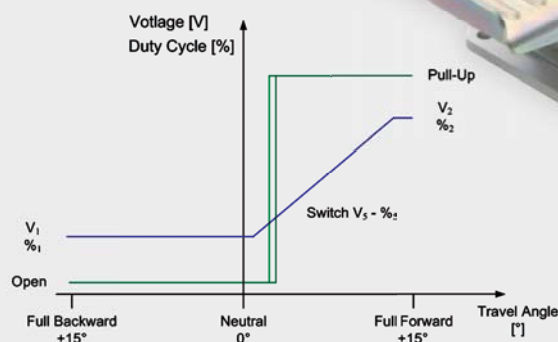


Wide Dual Acting Pedal - Twin sensors

Sensor 2



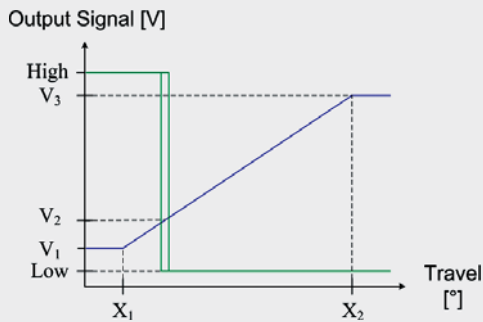
Sensor 1



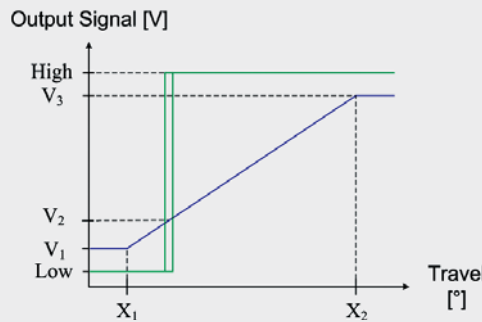
For complete product specification,
go to: www.mcs-belgium.com

Programmable Analogue Signal + Idle Validation Switch (IVS)

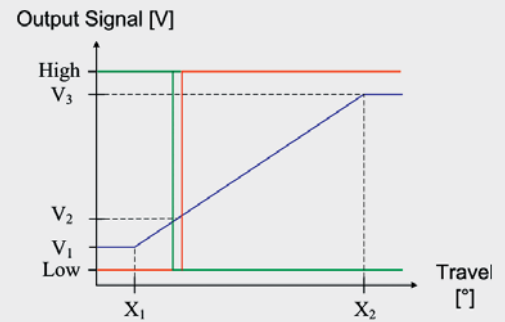
Switch High to Low



Switch Low to High

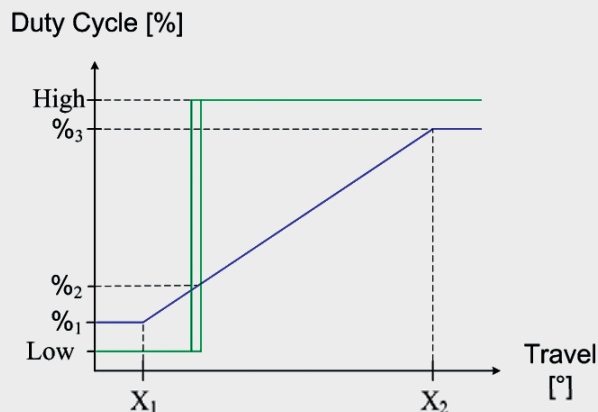


Idle-Low and Idle-High

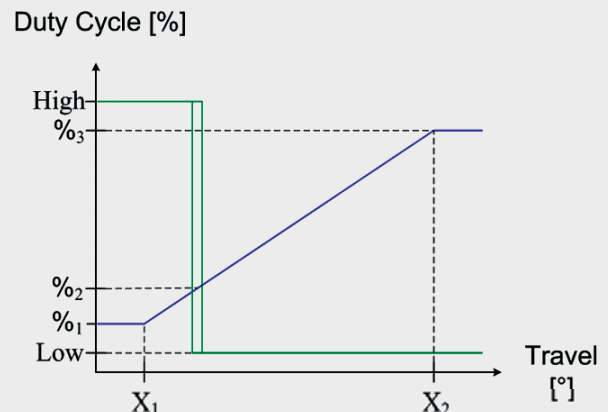


Programmable 200-500 Hz PWM Signal + Idle Validation Switch (IVS)

Switch High to Low

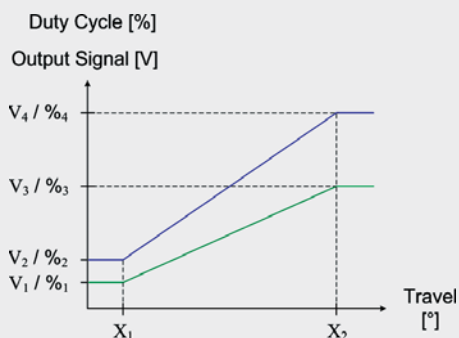


Switch Low to High

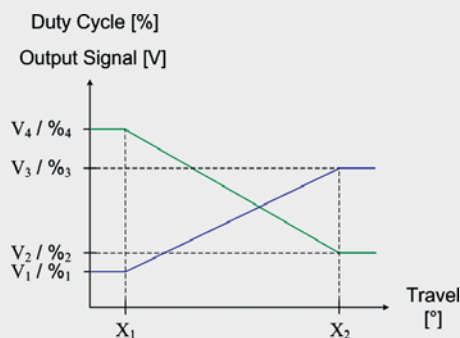


Programmable Single/Dual Analogue Signals or 200-500Hz Single/Dual PWM Signals

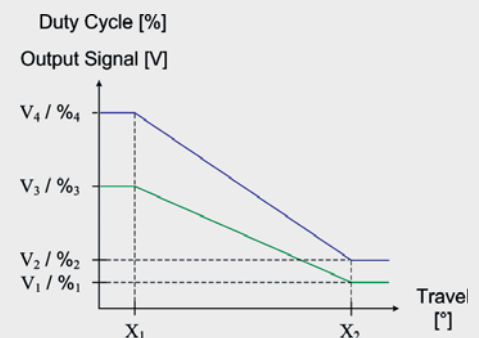
2 Increasing Signals



2 Crossed Signals

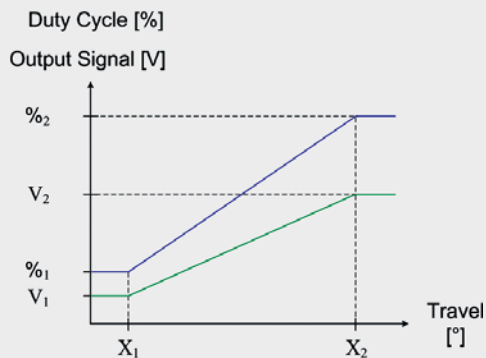


2 Decreasing Signals

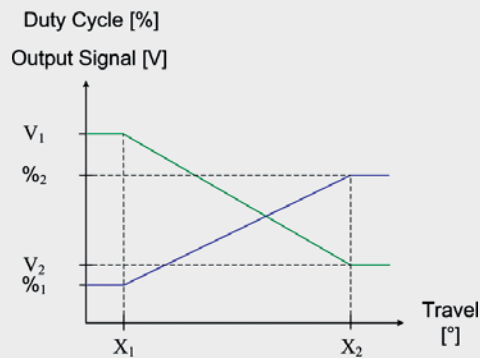


Programmable Analogue Signal + 200-500 Hz PWM Signal

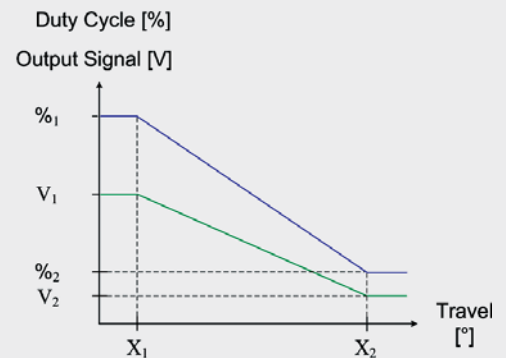
Increasing Analogue
& PWM Signals



Crossed Analogue
& PWM Signals

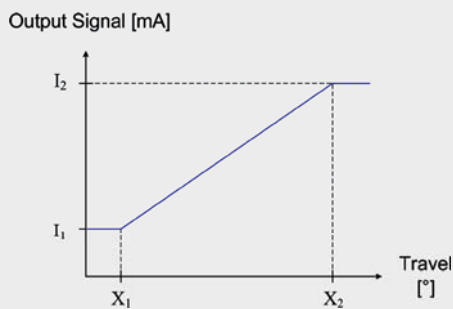


Decreasing Analogue
& PWM Signals

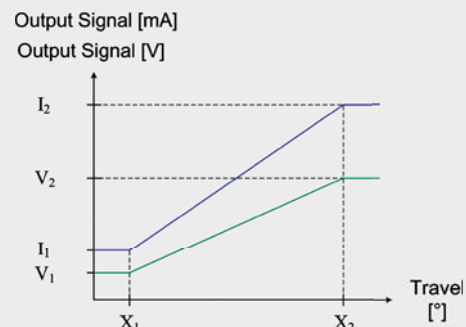


4-20 mA Current Output Signals

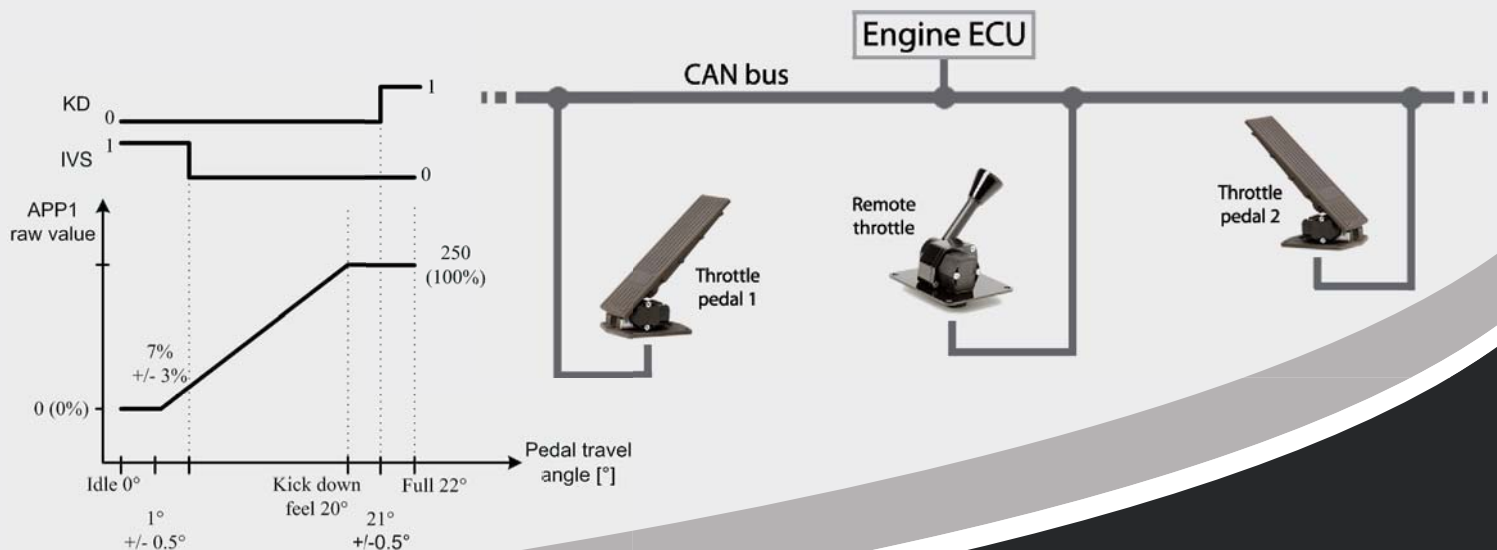
Single 4-20mA Signal



Single 4-20mA + Single Analogue



CAN J1939 data



Hall effect heavy duty hand throttles

972 000 series - Top mounted -



with twin sensor



with customized handle

973 000 series - Rotary -



975 000 series - Side mounted -



with bended lever



with straight lever

Hall effect direct drive hand throttles

976 000 series



Hall effect heavy duty throttle position sensors

974 000 series



CAN J1939 TPS modules



For complete product specification,
go to: www.mcs-belgium.com

Automatic engine cut off controller

980973



- Automatic Engine Cut Off Controller
- Saves fuel consumption by automatically cutting off the engine of the vehicle
- Four digital and one analogue programmable inputs
- Two frequency inputs dedicated to engine RPM and transmission (vehicle speed) monitoring
- Safety force guided relay
- Two general purpose outputs

Governor electronic control system

980975



- Engine Actuator Controller
- Dual analogue throttle control input
- Actuator analogue feedback input
- Three temperature monitoring inputs (1xPT100, 2xNTC)
- Two general purpose additional programmable digital inputs
- Engine RPM frequency input available
- Two general purpose additional outputs (2A)



The engines we make run:

- Caterpillar
- Cummins
- Dachai
- Daedong
- Daewoo
- Daf
- Detroit Diesel
- Deutz
- Hino
- Isuzu
- Iveco
- JCB
- John Deere
- Kubota
- Liebherr
- Lovol
- MAN
- Mercedes
- MTU
- Navistar
- Nissan
- Perkins
- Renault
- Scania
- Shanghai Diesel
- Sisu Diesel
- Volvo
- Volkswagen
- Weichai
- Yanmar
- Yuchai

For the perfect match of our throttles with your engine,
go to: www.mcs-belgium.com

Where to find our products



- Manufacturing facilities: Belgium, China, United States of America, India
- Distributors and sales representatives: Australia, Denmark, Finland, France, Germany, Italy, New Zealand, Norway, Serbia, Ukraine, South Africa, South Korea, Spain, Sweden, United Kingdom, ...



For more information and product availability
in your area, go to: www.mcs-belgium.com

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