

# **InETP**

#### ELECTRONIC TRAVEL PEDAL SYSTEM (INTERNAL DAMPING)



# **AT A GLANCE**

- > A ROBUST DESIGN SPECIFICALLY INTENDED FOR ELECTRONIC TRAVEL PEDALS IN EXCAVATORS
- > MECHANICAL AND ELECTRICAL
  CHARACTERISTICS CAN BE TAILORED
  TO EACH APPLICATION
- > PERFORMANCE SPECIFICATION BASED ON KONGSBERG AUTOMOTIVE'S BENCHMARK INDUSTRIAL PEDAL SPECIFICATION
- > VSENSE™ HALL EFFECT NON-CONTACT SENSOR
  PROVIDES POSITION SENSING AND SWITCHING
  ACCURACY AND RELIABILITY

### PRODUCT DESCRIPTION

The Kongsberg Automotive InETP Electronic Travel Pedal System has been created to replicate the smooth, predictable operating feel of a hydraulic travel pedal system.

With a similar mounting footprint as today's hydraulic travel pedals, the InETP enables all the advantages of electronic control, without the need to compromise the operator feel, comfort and confidence.

It features the vSENSE $^{TM}$  non-contact sensor with patent-pending technology, configurable for a wide range of sensor output types

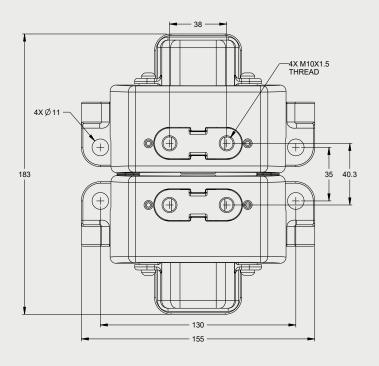
The Kongsberg Automotive  $vSENSE^{TM}$  non-contact, programmable Hall effect sensor seals out contaminants to provide enhanced reliability in all environments. With no moving parts to wear over time, the  $vSENSE^{TM}$  sensor sets a new standard for accuracy and durability.

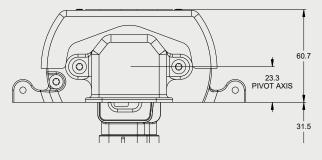




#### **PRODUCT SPECIFICATIONS**

PARAMETERS	SPECIFICATIONS
RATED LIFE	1,000,000 CYCLES
TYPICAL TORQUE FROM CENTRE	8 NM
TYPICAL TORQUE AT END-STOP	12 NM
OPERATING TEMPERATURE	-40°C TO +85°C





# **FEATURES**

- > PEDAL ROTATION IS ±11.2° FROM THE CENTRAL REST POSITION
- > INCLUDES A CENTRAL DETENT DEVICE TO PROVIDE POSITIVE ZERO POSITION
- > DAMPERS ARE CONFIGURED SPECIFICALLY
  TO OPERATE AT EXTREME TEMPERATURES
- > EASY MOUNTING
- > INTEGRATED SENSOR WITH METRIPACK 150 CONNECTOR

#### **OPTIONS**

- > AVAILABLE WITH OR WITHOUT HANDLE EXTENSION
- > AVAILABLE WITH OR WITHOUT GENERIC TREADLE
- > ALSO AVAILABLE AS A SINGLE PEDAL SYSTEM
- > TWO SENSOR OUTPUT CHANNELS CAN BE CONFIGURED FOR ANALOGUE, SWITCH OR PWM OUTPUTS, DEPENDING UPON THE VEHICLE REQUIREMENTS
- > ALTERNATIVELY, THE PEDAL CAN BE CONFIGURED TO PROVIDE A CANBUS OUTPUT