ExETP
ELECTRONIC TRAVEL PEDAL SYSTEM (EXTERNAL 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 ExETP 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 ExETP enables all the advantages of electronic control, without the need to compromise the operator feel, comfort and confidence.

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

The Kongsberg Automotive vSENSE™ 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™ sensor sets a new standard for accuracy and durability.
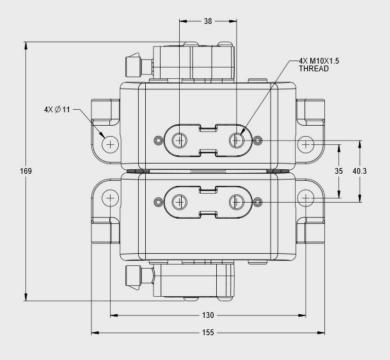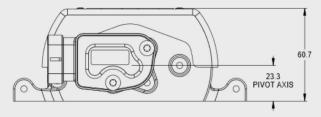
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PRODUCT SPECIFICATIONS

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