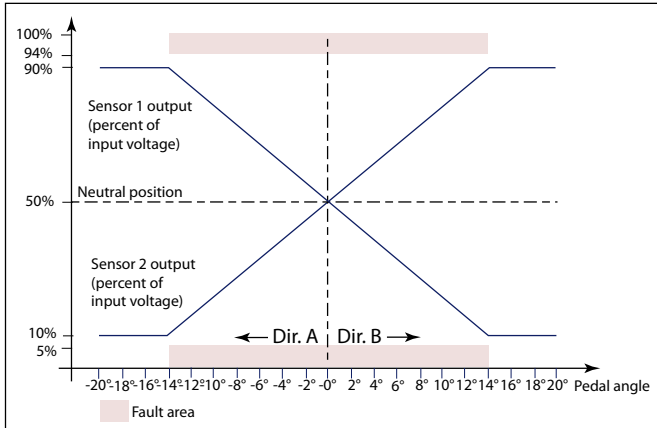


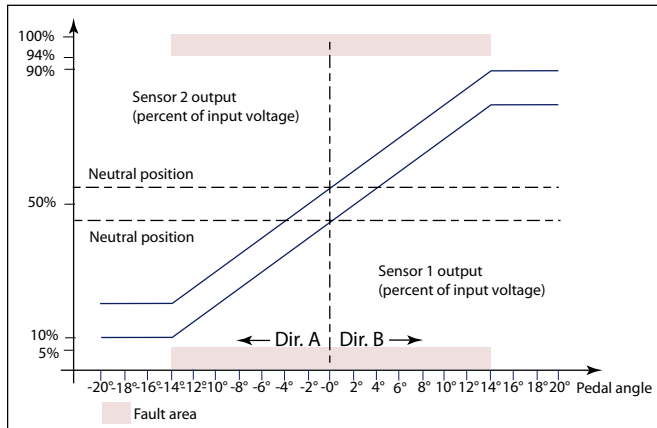
Electronic Foot Pedal Bi-directional

Technical Data

Option 1: 10%-90% and 90%-10%



Option 2: 20%-90% and 10%-80%



Option 1: Signal Level

Signal 1 range nominal (APS1)	Minimum (Uout/Ucc): 10%, +4% and -2%
	Maximum (Uout/Ucc): 90%, +2% and -4%
Signal 2 range nominal (APS2)	Minimum (Uout/Ucc): 90%, +2% and -4%
	Maximum (Uout/Ucc): 10%, +4% and -2%
Neutral 1 range nominal (APS1)	50% ± 4%
Neutral 2 range nominal (APS2)	50% ± 4%

Option 2: Signal Level

Signal 1 range nominal (APS1)	Minimum (Uout/Ucc): 20%, +4% and -2%
	Maximum (Uout/Ucc): 90%, +2% and -4%
Signal 2 range nominal (APS2)	Minimum (Uout/Ucc): 10%, +4% and -2%
	Maximum (Uout/Ucc): 80%, +2% and -4%
Neutral 1 range nominal (APS1)	(Uout/Ucc): 45% ± 4%
Neutral 2 range nominal (APS2)	(Uout/Ucc): 55% ± 4%

Specifications

Supply voltage (Ucc1, Ucc2) Current consumption (each Hall element)	5 Vdc ± 0.5 Vdc
	Maximum: 10 mA (for both Hall elements 20 mA)
Operating temperature	-40 to +85° C [-40 to +185° F]
Sealing of electronics	IP 66

Material

Casting	Irridited aluminum
Hall element shaft	Stainless steel
Base plate	Zinc plated steel
Spring	Stainless steel
Weight	Typical: 2.6 Kg [5.6 lbs]

Mechanical Ratings

Pedal angle (toeboard angle)	Maximum: 14° ± 2°
Activations (full stroke)	Minimum: 3 million
Static load limit (forward or reverse)	Maximum: 1500 N (measured 150mm from pivot)
Side load limit	Maximum: 500 N (measured 150mm from pivot)
Vertical load limit (neutral)	Maximum: 1000 N (measured center of treadle on pivot axis)

Signal Output

Signal current (APS1, APS2)	Maximum: 0.5 mA
Signal load	Maximum: 10 K Ohms
Short circuit of signal (APS1, APS2)	Maximum: 20 minutes