



Hall Effect Transducer Kit



Parts included:

2-Hall Effect Transducer Cables
Motor Shaft Magnet
Motor Shaft Bracket
Motor Shaft Hall Effect Wand
Motor Shaft Magnet Clamps
Crank Arm Magnet
Crank Arm Bracket
Crank Arm Hall Effect Wand

Cable Specifications

Conductors	20/3 AWG Copper
Shield	Aluminum 125% Coverage
Drain Wire	22 AWG Tinned Copper Strd.
Outer Jacket	PVC 0.05" Wall Thickness
Voltage Rating	30 VAC
Outer Diameter	0.225"

Transducer Specifications

Power Supply Voltage	2.5 VDC to 38 VDC; unregulated
Power Supply Current	< 3.5mA
Load Limitation	30 mA
Magnetic Flux Density On-State	3-12 mT, typical 6.9 mT
Environmental Protection	IP68
Electromagnetic Compatibility	CE compliant to EMC, RFI, EMI, ESD
Electrical Protection	Over-Voltage, Short Circuit
Temperature Rating	-40C to 125C

brennaneng@beiw.com

2901 N US Hwy 14/16. • Gillette, WY 82716 • 307-685-2987 • www.beiw.com