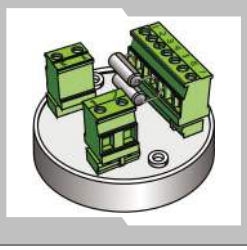
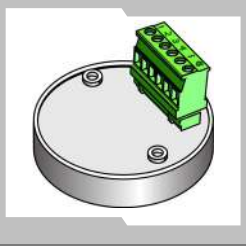
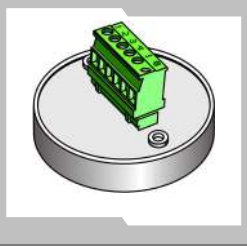
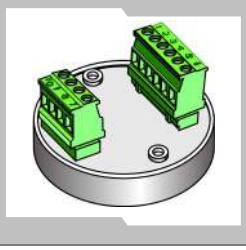
Standard Preamplifiers

				
TYPE	Dual channel	Intrisically Safe	Zero Crossing	Bi-Directional
MODEL #	2818	2415	1815B	1817X2
Daniel Part #	1-504-05-550	1-504-05-449	1-504-05-510	1-504-05-442
INPUTS				
# of Inputs (Pickoffs):	1 or 2	1	1	2
Supply Voltage:	10 to 30 VDC	11.5 to 25 VDC	12 to 30 VDC	11.5 to 36 VDC
Sensor Type:	Reluctance	Reluctance	Reluctance	Reluctance
Signal:	Sine Wave	Sine Wave	Sine Wave	Sine Wave
Current:	10 to 30 VDC @ 40 mAp-p	< 12 mA	10 mA @ 15V	11.5 to 36 VDC < 30 mA
Preamplifier Sensitivity:	40 mVpp	10 Hz to 1 KHz (60mV p-p) 10 Hz to 3 KHz (60mV p-p) 10 Hz to 1 KHz (60mV p-p)	40 mV peak-to-peak	40 mV peak-to-peak
Frequency Response:	0 to 5 kHz	5 Hz to 5 kHz	0 to 5 kHz	5 Hz to 5 kHz
OUTPUTS (POWERED PULSE)				
Type:	Square Wave	Square wave	Square wave	Square wave
Frequency Range:	≤ 0 to 5 kHz	≤ 5 Hz to 5 kHz	≤ 5 kHz	≤ 5 Hz to 5 kHz
Amplitude:	0 to 5 V	0 to 5 V	0 to 12 V	0 to Vs
Impedance:	1000 Ohm, 20 mA max	20000 Ohm	300 Ohm	O.C.
CONSTRUCTION				
Materials	POM(1) Housing Solid Epoxy Encapsulation	POM(1) Housing Solid Epoxy Encapsulation	POM(1) Housing Solid Epoxy Encapsulation	POM(1) Housing Solid Epoxy Encapsulation
TEMPERATURE RANGE				
F° (C°)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)
CUSTOMER CONNECTION				
Terminal Block 1 (TB1):	(1) +10 to 30 VDC (2) Common (3) Common (4) Channel A Output (5) Channel B Output (6) TTL Out A (7) TTL Out B	(1) 11.5 to 25 VDC (2) Common (3) Signal Out (Half-Freq) (4) Signal Out	(1) 12 to 30 VDC (2) Common (3) Output Signal (x1) (4) Output Signal (x2)	(1) 11.5 to 36 VDC (2) Common (3) Direction (4) Channel A Out (5) Channel B Out (6) Prover Out (x2)
PICKOFFS				
Channel A (TB2):	(1) White (2) Red	(5) White (6) Red	(5) White (6) Red	(1) White (2) Red
Channel B (TB3):	(1) White (2) Red			(1) White (2) Red

(1) *POM - Polyoxymethylene - An engineered thermoplastic.*