Rotech Selection Guide

PRODUCT TYPE - Output Type is Dependent Upon Chosen Pulse Rate

Type VN (NAMUR) 8.2 VDC
Intrinsically Safe Circuits

1 - 60 Pulses Per Revolution
Max. Frequency = 2,000 Hz

Type VA (NPN) 10 - 30 VDC

1 - 60 Pulses Per Revolution
Max. Frequency = 600 Hz

Type VC (NPN & PNP - 3 Wire) 10 - 30 VDC

1 - 1,000 Pulses Per Revolution
Max. Frequency = 1,000 Hz

Type VB (PNP) 10 - 30 VDC

FM/CSA Class II Div.1
Versions Available

Type VD (NPN & PNP - 2 Wire) 10 - 30 VDC

1 - 60 Pulses Per Revolution
Max. Frequency = 1,300 Hz

Type VE 20 - 240 VAC/VDC

1 - 30 Pulses Per Revolution
Max. Frequency = 30 Hz (AC) - 1,000 Hz (DC)

Type VE 20 - 240 VAC/VDC

1 - 60 Pulses Per Revolution
Max. Frequency = 600 Hz

Type VC Q (QUADRATURE*) 10 - 30 VDC

*NOTE: Quadrature Versions Provide Both Speed & Direction of Rotation.

Type VA, VB Q (QUADRATURE*) 10 - 30 VDC

Available Pulse Rates (PPR) - 1,2,4,5,6,8,10,12,16,20,30,32,40,50,60,100,120,180,240,250,300,360,500,1000 (Dependent Upon Output Type)

ORDER CODE EXAMPLE:
RSE - 4 - VA
- Model = RSE
- Pulses Per Revolution = 4
- Electrical Outputs = VA

Channel "A" Leads Channel "B" for Clockwise Rotation Viewed from Shaft End of Encoder

Channel A
Channel B

Not applicable for all models.