Counter Type

Mode	Isolation	No-n-Isolation
Dir/Pulse	Vin+ (Pulse) — CxA+ Vin- (Pulse) — CxA- Vin+ (Dir) — CxB+ Vin- (Dir) — CxB-	Vin+ (Pulse) — CxA+ Vin+ (Dir) — CxB- Vin- (Pulse) and Vin- (Dir) — GND
Up/Down	Vin+ (Up) — CxA+ Vin- (Up) — CxA- Vin+ (Down) — CxB+ Vin- (Down) — CxB-	Vin+ (Up) — CxA+ Vin+ (Down) — CxB+ Vin- (Up) and Vin- (Down) — GND
Up	Vin+ (Up0) — CxA+ Vin- (Up0) — CxA- Vin+ (Up1) — CxB+ Vin- (Up1) — CxB-	Vin+ (Up0) — CxA+ Vin+ (Up1) — CxB+ Vin- (Up0) and Vin-(Up1) — GND
Quadrant	Vin+ (A0) — CxA+ Vin- (A0) — CxA- Vin+ (B0) — CxB+ Vin- (B0) — CxB-	Vin+ (A0) — CxA+ Vin+ (B0) — CxB+ Vin- (A0) and Vin-(B0) — GND

Frequency Type

Mode	Isolation	No-n-Isolation
Frequency	Vin+ (Freq0) — CxA+ Vin- (Freq0) — CxA- Vin+ (Freq1) — CxB+ Vin- (Freq1) — CxB-	Vin- (Freq0) — CxA+ Vin- (Freq1) — CxB+ Vin- (Freq0) and Vin-(Freq1) — GND