



F1000	F1020	F1030	F1010 F1040 F1050	F1060
OPTIONAL NEUTRAL SWITCH				
Y OUT	Y OUT	Y OUT	Y OUT	Y OUT
V REF.	COMMON	COMMON	V REF	COMMON
X OUT	X OUT	X OUT	X OUT	X OUT
COMMON	-5V	-12V	COMMON	-10V
+12V	+5V	+12V	+5V	+10V

**ORDERING INFORMATION**

- 0 WITHOUT NEUTRAL SWITCH
- 1 NEUTRAL SWITCH  
(AVAILABLE ON +5V MODELS ONLY)

- 0 +12V IN      3 TO 9V OUT
- 1 +5V          1.125 TO 3.75V
- 2 ±5V          ±5V
- 3 ±12V        ±10V (LEGACY)
- 4 +5V          0.5 TO 4.5V
- 5 +5V          0 TO 5V
- 6 ±10V        ±10V (LEGACY)

REF DWG 761718 FOR ELECTRICAL DETAILS

- Z CONFORMAL COATING
- DZ LOW TEMP AND CONFORMAL COATING
- R CONDUCTIVE BOOT
- RF CONDUCTIVE BOOT AND FERRITE BEAD
- E WITHOUT DEADBAND (NOT AVAILABLE ON ±10V OR ±12V MODELS)
- G MAXIMUM COMPRESSION SPRING

- M WHITE FDA SILICONE BOOT & NICKEL PLATED ALUMINUM KNOB
- W WHITE FDA SILICONE BOOT & WHITE PVC KNOB
- ( 'D' SPRING IS DEFAULT FOR 'M' OPTION)

- F [ ] [ ] [ ] [ ] [ ] - N24 [ ] [ ]
- 0 STANDARD TWO AXES
- 6 SINGLE "Y" AXIS
- 1 4-40 THREADED INSERTS
- 3 3MM THREADED INSERTS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

**CTI ELECTRONICS CORPORATION**

WWW.CTIELECTRONICS.COM

NEMA4 (IP66)  
 INDUSTRIAL JOYSTICK  
 (ANALOG) F1000-N24 SERIES

**761702**

APPROVED

SHEET 1 OF 1  
 DATE 10-16-13

REV. F  
 DRAWN BY  
 PSB