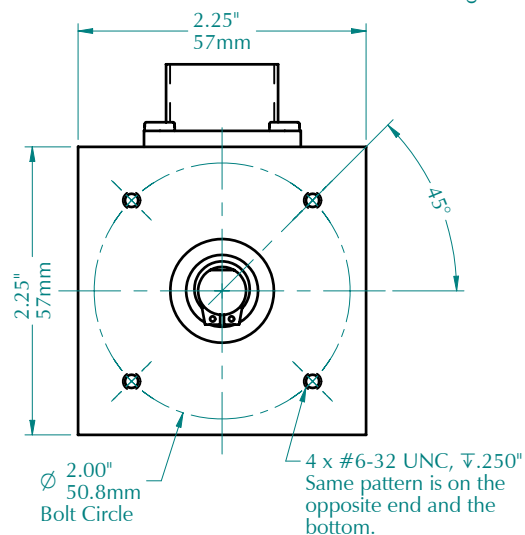
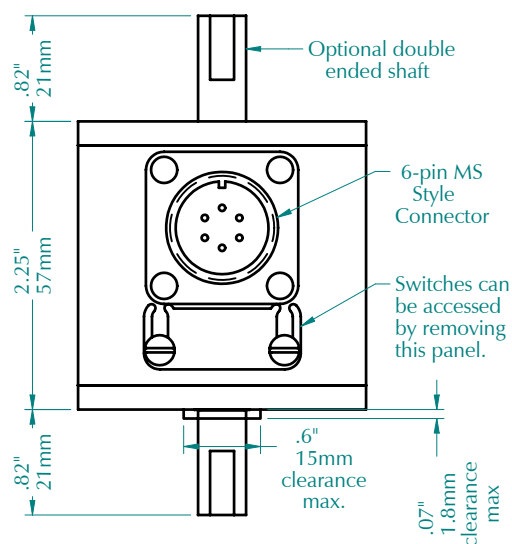


SPECIFICATIONS

- DIP switch selectable counts per revolution
- 1/4", 5/16" or 3/8" shaft diameter
- Single or double ended shaft
- Anti-Jitter feature
- CE and RoHS compliant available
- ESD and short circuit protection
- 5 vdc and 8 to 30 vdc supply voltages
- Non-programmable models available

(shown with 3/8" diameter, double ended shaft)



PO Box 25135 813-886-4000
Tampa FL 33622-5135, USA 800-237-0946
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Mechanical

Shaft Diameters: (specify when ordering)

$1/4", 5/16", 3/8"$

Shaft Style: (specify when ordering)

single ended or double ended

Shaft Loading: Radial: 25 lbs. / 11.3 kg max.

Axial: 15 lbs. / 6.8 kg max.

A flexible shaft coupling is recommended.

Bearing Life: $36 \times 1,000,000/\text{rpm} = \text{hours}$

Materials: Case: Aluminum, anodized

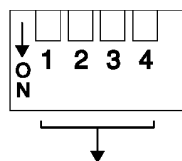
Shaft: 303 Stainless steel

Switch cover: ABS plastic

Weight: 11 oz. (312 grams)

Maximum operating speed: 2,500 rpm

Configuration Switches



Counts per Revolution Selection

5 240 ☒ ☐ ☐ ☐ 480 ☐ ☒ ☐ ☐

Switch Definitions: ☐ Up (off)
☒ Down (on)

Accessories

See our website for cables, measuring wheels, flexible shaft couplings, mounting brackets, and conveyor adapters.

Electrical Connections

Single Ended Outputs:

6-pin	4-pin	Function	Wire Color
A	3	Common	Black
B	1	Supply Voltage	Red
D	4	Output A	White
C,E,F	2	no connection	--

Differential Line Driver Outputs:

6-pin	4-pin	Function	Wire Color
A	3	Common	Black
B	1	Supply Voltage	Red
C	4	Output +A	White
D	2	Output -A	Green
E,F	--	no connection	--

4-pin 12mm is Turck FS4.4/14.5 or equivalent
6-pin MS is C-5015 style 97-3102A-14S-6P or similar

MODEL NUMBER

RS	<u>Model Number</u>
	<u>Shaft Diameter:</u> A = 5/16", B = 3/8", C = 1/4"
	<u>Shaft Style:</u> leave blank for single ended D = double ended
—	
P	P = Programmable model
480AJ	<u>Program:</u> name of factory configured program.
/	
	<u>Supply Voltage:</u> 5 = 5vdc, 8-30 = 8 to 30 vdc
	<u>Output Circuit:</u> leave blank for push/pull C = NPN open collector, DL = RS422 line driver, DH = 7272 line driver
	<u>Modification Number:</u> 6-pin MS is standard M131 = 4-pin 12mm connector Call or see our website for other modifications.
	<u>Accessories:</u> leave blank for no accessories. Call or see our website for more information.

Example: **RSB-P480AJ/8-30** - 3/8" single ended shaft, programmable model factory configured with the 480AJ program, 8-30 vdc, push/pull output, no modification or accessories