

MANUAL PULSE GENERATOR

iHDW-AX SERIES:

Applicable to CNC machine by providing HOME position, step adjustment and interruption signal.

FEATURES:

- Dust and water proof
- 25 PPR or 100 PPR available
- Short body and light weight design
- Power supply system DC5V/DC12V/DC24V
- Provide dimension $\phi 60$ and $\phi 80$ mm handle wheel for options
- Multiple output types for different CNC controllers
- Provide reverse polarity protection



MANUAL PULSE GENERATOR



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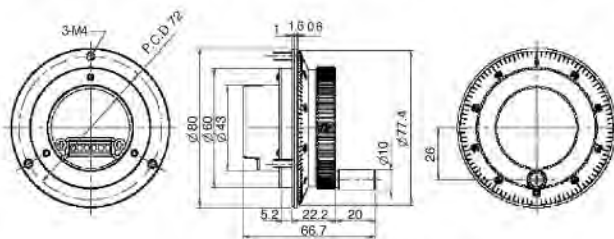
iHDW-AX SERIES SPECIFICATION

ITEM \ TYPE	A	B	C	D	E	F	G	H
Power Source	DC5V±10%	DC5V±10%	DC12V±10%	DC12V±10%	DC5V±10%	DC5V±10%	DC24V±10%	DC24V±10%
Pulse Number	100PPR	25PPR	100PPR	25PPR	100PPR	25PPR	100PPR	25PPR
Output Voltage(VH)	≥4.5V	≥4.5V	≥10V	≥10V	≥4.5V	≥4.5V	≥20V	≥20V
Output Voltage(VL)	≤0.3V	≤0.3V	≤0.3V	≤0.3V	≤0.3V	≤0.3V	≤0.5V	≤0.5V
Output Current	100mA	100mA	100mA	100mA	80mA	80mA	80mA	80mA
Signal Mode	A.B	A.B	A.B	A.B	A.B./A./B	A.B./A./B	A.B	A.B
Output Resistance	R330	R330	R2.0K	R2.0K	DIFF	DIFF	R2.0K	R2.0K
Response Frequency	10KHz	10KHz	10KHz	10KHz	10KHz	10KHz	10KHz	10KHz
Power Consumption	120mA	120mA	120mA	120mA	120mA	120mA	120mA	120mA
Start Torque (max)	200g	200g	200g	200g	200g	200g	200g	200g
Shaft Loading (min)	R 2kg	R 2 kg	R 2kg	R 2kg	R 2kg	R 2kg	R 2kg	R 2kg
Rotational Lift (min)	1KKR	1KKR	1KKR	1KKR	1KKR	1KKR	1KKR	1KKR
Net Weight	150g/250g	150g/250g	150g/250g	150g/250g	150g/250g	150g/250g	150g/250g	150g/250g
Operation Temperature	0°C/+50°C	0°C/+50°C	0°C/+50°C	0°C/+50°C	0°C/+50°C	0°C/+50°C	0°C/+50°C	0°C/+50°C
Storage Temperature	-10°C/+70°C	-10°C/+70°C	-10°C/+70°C	-10°C/+70°C	-10°C/+70°C	-10°C/+70°C	-10°C/+70°C	-10°C/+70°C
Humidity	35-85%	35-85%	35-85%	35-85%	35-85%	35-85%	35-85%	35-85%
X.Y.Z Vibration	0.5G	0.5G	0.5G	0.5G	0.5G	0.5G	0.5G	0.5G
Shock	2G	2G	2G	2G	2G	2G	2G	2G

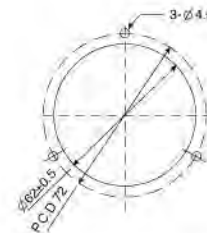
ORDERING INFORMATION:

SERIES NAME	MODEL	TYPE			DIAMETER		
iHDW	A	SPECIFICATION			HANDLE DIM.		
		TYPE	DC POWER	PULSE	OUTPUT RESISTANCE	60	φ 60mm
		A	5V	100PPR	R330	80	φ 80mm
		B	5V	25PPR	R330		
		C	12V	100PPR	R2.0K		
		D	12V	25PPR	R2.0K		
		E	5V	100PPR	DIFF		
		F	5V	25PPR	DIFF		
		G	24V	100PPR	R2.0K		
		H	24V	25PPR	R2.0K		

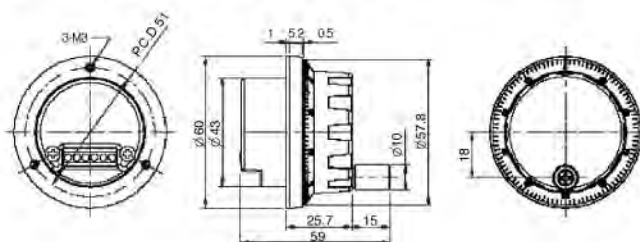
iHDW-AX-80 EXTERNAL DIMENSIONS(mm) :



PANEL CUTOUT(mm) :



iHDW-AX-60 EXTERNAL DIMENSIONS(mm) :



PANEL CUTOUT(mm) :

