MID-SIZE MANUAL PULSE GENERATOR

CHDW-AX Series

Suitable for CNC lathes or small machines.
Easy for operators to do axial adjustment.

Features

- Power supply system DC 5V , DC 12V or DC 24V
- 25PPR or 100PPR available
- Standard line driver output for long-distance transmission
- Provide various (Ø100mm or Ø124mm) handle wheel for option
- Foldable grip for option
- Easy to install
- Dust & water proof
- OEM Welcome

MID-SIZE MANUAL PULSE GENERATOR

Ordering Information

CHDW	–	A	–	A	–	124	–	F
SERIES NAME		MODEL		TYPE		DIAMETER		FOLDABLE GRIP

CHDW

A

Model	Specification		
	Power	Pulse	Output
A	5V	100PPR	R330
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

Handwheel Diameter	
100	Ø100mm
124	Ø124mm

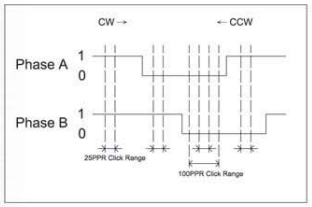
F	Foldable Grip
N	None

CHDW-AX Specification

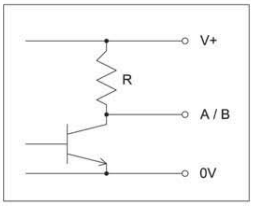
Type	AA , AB	AC , AD	AG , AH	AE , AF
Power Source Current : Standard	DC 5V±10% 100mA max.	DC 12V±10% 100mA max	DC 24V±10% 100mA max	DC 5V±10% 150mA max(90mA typ.)
Output Type	330Ω Pull-High	2KΩ Pull-High		Line Driver Terminal Resistor at receiving end 100Ω
Output Voltage (Pull-High)	High Level : Voltage -0.5V min. Low Level : 0.4V max. (Unloaded)			
Pulse	100 Pulse / 100 PPR or 25 Pulse / 100 PPR			
Response	5KHz			
Rotating Torque	500 ~ 800 gf•cm			
Rotating Life	1,000,000 min.			
Operating Temperature	0℃ /+50℃			
Storage Temperature	-10℃ /+60℃ (w/o condensation)			
Shock	0.5G - Vibration , 2G - Shock			
Weight	860g (AX-100) , 1kg (AX-124)			

CHDW-AX Waveform

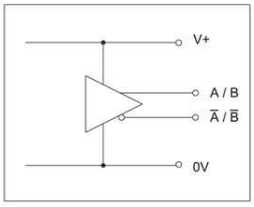
Clockwise, phase A is rising as phase B is low (0).
Counter-clockwise, phase A is rising as phase B is high (1).



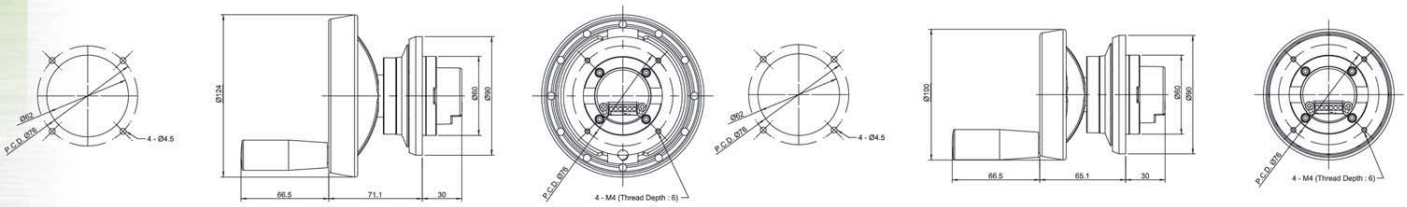
Pull-High (AA,AB,ACADAG,AH)



Line Driver (AE,AF)



CHDW-AX External Dimensions & Cutout (mm)



※ The specification or contents in this catalog are subject to change without notice. 2018/09