

Series PHD/Pendant Hand-held

with E-Stop for CNC Panels



US \$375.00
S.R.P.
List Price

FEATURES

- Hand-held Pulse Generator for “manual” axis jog
- Differential Line Driver Output
- X, Y Z Selector switch with OFF position plus 4, 5, 6 axis
- Retro Fit applications for Machining Center
- “Handy,” “Lightweight,” “Very Thin”
- Standard Emergency Stop Button
- Standard 16 ft. extended spiral cable

SPECIFICATIONS

Electrical

Output	Line Driver	(RS422-A)
Output Pulse/Revolution	100PR	
Supply Voltage (Vcc)	DC5±0.25V	Ripple less than 3% with noise.
Current Requirement	≤160mA	No load, At 5VDC
Output Voltage (VH)	≥2.5V	Vcc = 4.75V, IoH = -20mA
Output Voltage (VL)	≤0.5V	Vcc = 4.75V, IoL = +20mA
Sink Current	≤20mA	Vcc = 4.75V
Rise/Fall Time	≤100, 100ns	
Frequency Response	0~5kHz	
Insulation Resistance	≥20MΩ	at 250VDC Megger (Circuit-Body)
LED Source Current	≤10mA	at 24 VDC

Mechanical

Rotational Speed	600r/min.	Momentary Max.
	≤200r/min.	Normal
Torque	0.015~0.1 N•m	At 25°C
Dial Click Life	3 x10 ⁵ turns	≤200r/min
Mass (approx.)	0.3kg	Except Cable

Environmental

Operating Temperature	0~+60°C	No condensation
Storage Temperature	- 30~+70°C	No condensation
Vibration	19.6m/s ²	10~200Hz, 2 hours each X-Y-Z
Construction	IP65/NEMA4	No Condensation (MPG:IP44)

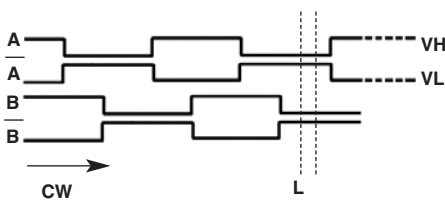
Rotary Switch

Shaft Selecting Switch	NDS-00N (PTP)	30L=12RP
Magnification Selecting Switch	NDS-00N (PTP)	30L=12RP

Emergency Switch

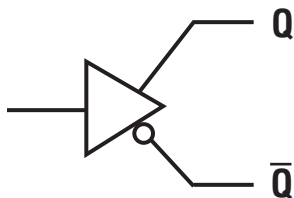
AC Load Impedance	AC250	V	3A
	AC125	V	5A
DC Load Impedance	DC30	V	3A

OUTPUT WAVE FORMS



Relation between output signals
and click stop position.

OUTPUT CIRCUIT



26LS31 or equivalent
Recommended line receiver: 26LS32

Series PHD / Pendent Hand-Held

MODEL NUMBER	SPECIFICATION	AVAILABILITY	LIST PRICE
PHD-100-E-6-L	100 Pulse, 5vDC Linedriver Output Quadrature Dual Channels Two (2) Mode Switches (6 axis and Multiplier) 5m (16ft.) Spiral Cable	IN STOCK	<--->

