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ELECTRONICS

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Jameco Part Number 1871879

Type OH180U

Electrical Characteristics ($V_{CC} = 4.5 \text{ V to } 24 \text{ VDC}$, $T_A = 25^\circ \text{ C}$ unless otherwise noted)

SYMBOL	PARAMETER	MIN	TYP	MAX	UNITS	TEST CONDITIONS
B _{OP}	Magnetic Operate Point ⁽²⁾	70	180	290	Gauss	
B _{RP}	Magnetic Release Point	0	140	230	Gauss	
B _H	Magnetic Hysteresis	20	40	120	Gauss	
I _{CC}	Supply Current		6	9	mA	$V_{CC} = 24 \text{ V}$, Output On
V _{OL}	Output Saturation Voltage		100	300	mV	$V_{CC} = 4.5 \text{ V}$, I _{OL} = 30 mA
I _{OH}	Output Leakage Current		0.50	10.0	μA	$V_{CC} = 24 \text{ V}$, V _{OUT} = 24 V
t _r	Output Rise Time		0.30	1.00	μs	R _L = 820 Ω, C _L = 20 pF
t _f	Output Fall Time		0.30	1.00	μs	

(2) South pole facing symbolized surface.

Typical Performance Curves

