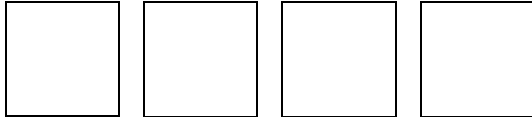


Incremental-Encoder IE 38 H

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- Incremental-interface
- Type with handwheel
- Number of pulses per revolution 100

6.1

Characteristics

Supply voltage.....	11 ... 27 VDC, 5 ... 30 VDC
Current consumption without load	≤ 80 mA
Number of pulses per revolution	100
Outputs, 5 ... 30 VDC	
- Incremental signals.....	K1, K1 neg, K2, K2 neg
- Output frequency.....	≤ 50 kHz
- Supply voltage.....	5 ... 30 VDC
Outputs, 5 VDC	
- Incremental signals.....	K1, K1 neg, K2, K2 neg
- Output frequency.....	≤ 50 kHz
- Supply voltage.....	11 ... 27 VDC
Bearing life time	≥ 5,0 * 10 ⁹ revolutions
Mass.....	typically 0,3 kg
Connection	radial cable outlet 1 m

Environmental conditions

Vibration, DIN EN 60068-2-6: 1996..... $\leq 100 \text{ m/s}^2$, sine 10-2000 Hz
Shock, DIN EN 60068-2-27: 1995..... $\leq 200 \text{ m/s}^2$, half-sine
Working temperature..... $-10 \text{ }^\circ\text{C} \dots +70 \text{ }^\circ\text{C}$
Storage temperature..... $-30 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$, dry
Relative humidity, DIN EN 60068-3-4: 2002 98 %, non condensing
Protection class, DIN EN 60529: 1991 IP 55

Order Information

No. of pulses per revolution	Supply voltage	Output level	Order No.
100	11 ... 27 VDC	5 VDC	IEV38H-00001
100	5 ... 30 VDC	5 ... 30 VDC	IEV38H-00002

Dimension drawing
