

# AH 950

ABSOLUTE HOLLOW SHAFT ENCODER

Very Heavy Duty Construction

Shaft Mounted

Range of shaft bores (14 – 30 mm)

Up to 13 Bits (8192) Maximum

5 Volt TTL or 8 to 30 Volts

Gray Code or Binary Code



## ELECTRICAL SPECIFICATIONS

Supply Voltage	5 Volt or 8 to 30 V DC
Current Consumption	100 mA (max)
Output Circuit	Push-Pull, RS 422A
Impulse Frequency	200 kHz (max)
Logic Level (high)	Vcc - 0.7 Volt
Logic Level (low)	0.25 Volt (max)
Short Circuit Protection	100 %

## MECHANICAL SPECIFICATIONS

Cover	Aluminium
Body	Aluminium
Shaft	Stainless Steel
Speed	6000 RPM (max)
Torque	> 0.05 Nm
Loading	Axial 40 N, Radial 30 N
Protection	IP 65
Temperature	-20°...+70° C (-4°...+158° F) +100° C (+212° F) Optional
Weight	0.7 lb (320 g)

## OUTPUT SIGNALS



