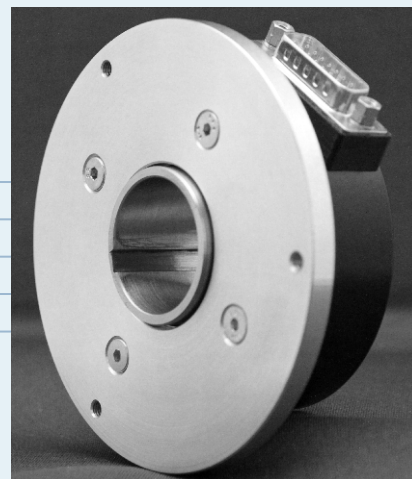


RH760

**INCREMENTAL
HOLLOW SHAFT ENCODER
WITH REDUNDANT SIGNALS**

Heavy Duty Construction
Isolated Redundant Signals
Shaft bore 30 mm with Keyway
IP65 Protection
5 Vdc or 8 to 30 Vdc Supply Voltage
300 kHz Maximum output frequency



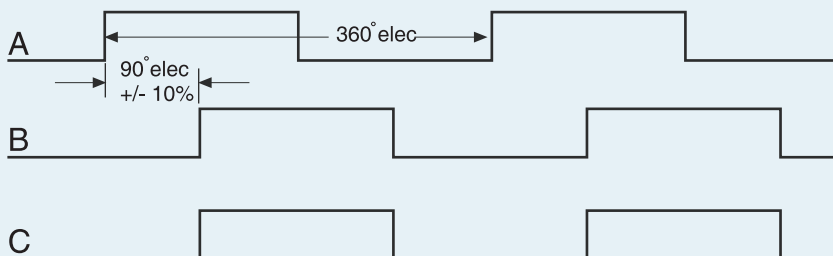
ELECTRICAL SPECIFICATIONS

Supply Voltage	5 Vdc or 8 to 30 Vdc
Current Consumption(no load)	50 mA @ 12 Vdc
Output Load (max)	30 mA / Channel
Output Circuit	Push-Pull, RS422A
Impulse Frequency	400 kHz (max)
Redundant Signals	Galvanically Isolated
Short Circuit Protection	100%
Reverse Polarity Protection	100%

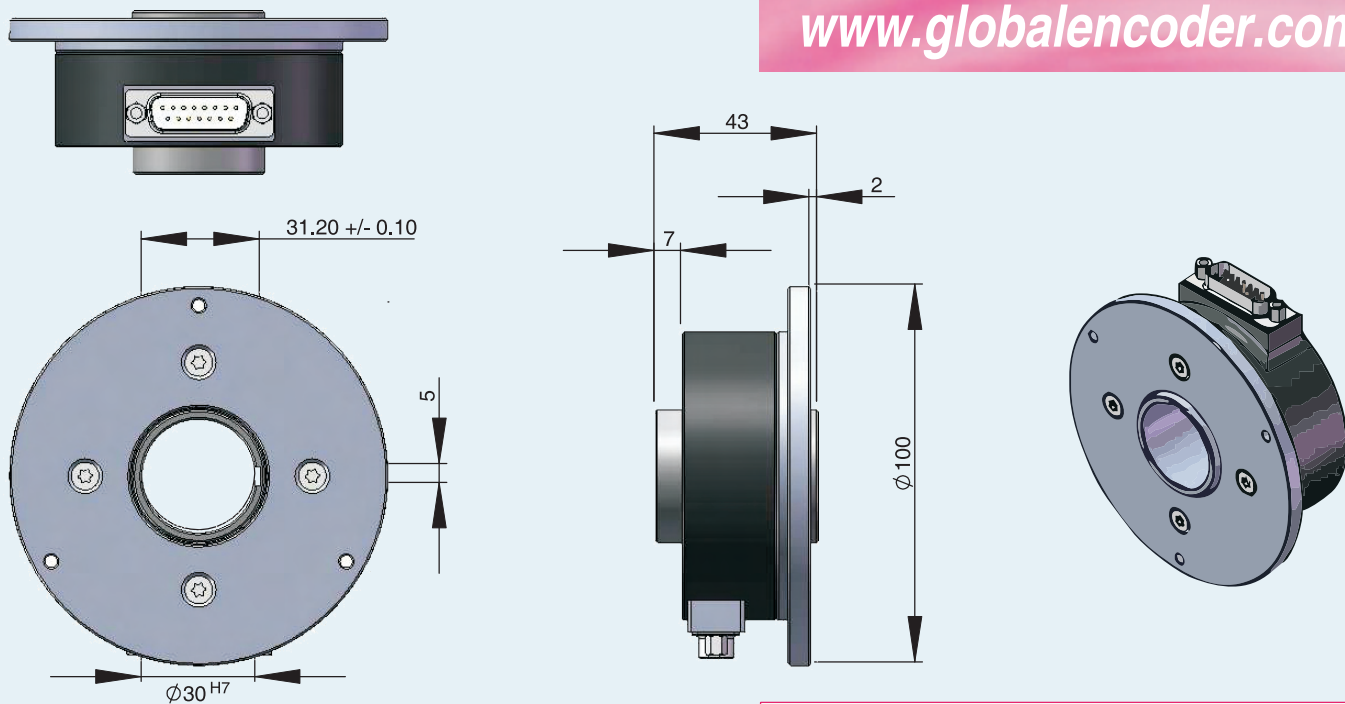
MECHANICAL SPECIFICATIONS

Cover	Aluminum
Body	Aluminum
Shaft	Stainless Steel
Maximum RPM	6000 RPM
Torque	> 0.05 Nm
Shaft Loading	Axial 40 N, Radial 40 N
Enclosure Rating	IP 65
Temperature (operating)	-20°C..+70°C (4 ...+158°F)
Weight	400 g (0.74 lb)

OUTPUT SIGNALS



A leads B in the Clockwise Direction (facing shaft set screw side)
Signal 'C' has no phase relation to any other signals



ORDERING CODE

RH 760 - - Resolution

a b c d e f g h

a Group Function RH=Redundant Incremental Hollow Shaft	e Connection Type R=15 Pin Sub-D
b Basic Series Number 760	f Connection Position R=Radial
c Shaft Diameter 30=30 mm with Keyway	g Output Signals 9=A+B+C+Complimentary
d Mechanical Options 0=None	h Output Circuit / Supply Voltage 1=Push-Pull - 5 Vdc 5=Push-Pull - 8 to 30 Vdc

Note:
Special functions and designs will be designated by a 4 digit code at the end of the part number. Consult factory for details.

For alternate mounting accessories please visit to our website product accessory page.

CONNECTIONS

Function	15 Pin Sub-D
/B	1
B	2
/A	3
A	4
Gnd (A+B)	5
Vcc (A+B)	6
N/C	7
Case Gnd	8
/C	9
C	10
Connected to Pin 12	11
Connected ti Pin 11	12
Gnd (C)	13
Vcc (C)	14
N/C	15