

INCREMENTAL ENCODER MyInc

EINS40

- Miniature Size Ø 38 mm
- IP 62 Protection
- 5 to 26 Volts, RS 422 Compatible
- <100 kHz Maximum Frequency
- Resolutions up to 1024 cpt



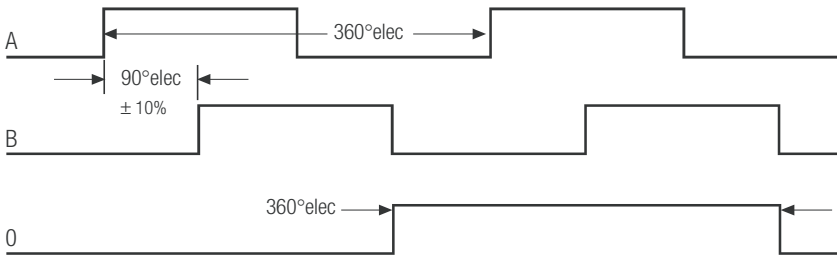
Electrical
Specifications

Supply Voltage	5-26 VDC, 5 VDC
Current Consumption	<60 mA (24 VDC)
Output Circuit	Push-Pull, RS 422A (line driver)
Impulse Frequency	<100 kHz (max.)
Logic Level (high)	Vcc - 0.7 Volt
Logic Level (low)	0.25 Volt (max.)

Mechanical
Specifications

Cover	Aluminium
Body	Aluminium
Shaft	Stainless steel
Speed	6000 RPM (max.)
Torque	< 0.025 Nm
Loading	Axial 30 N, Radial 20 N
Protection	IP 62
Temperature	-20 °C . . . +70 °C
Weight	160 g

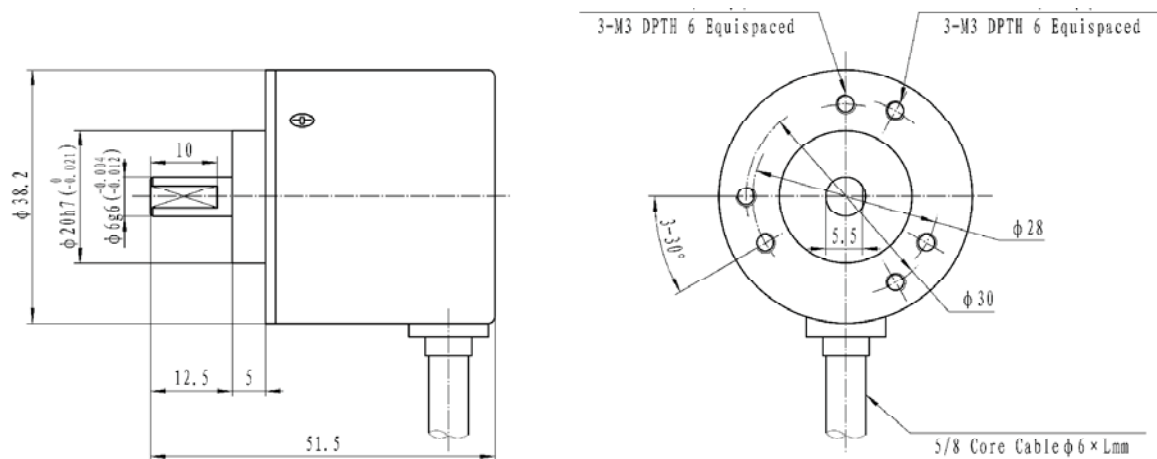
Output Signals



A Leads B in the CW Direction (facing shaft)
Complimentary channel also available



Meyer Industrie-Electronic GmbH – MEYLE
Carl-Bosch-Straße 8 Tel.: +49 54 81-93 85-0 Internet: www.meyle.de
49525 Lengerich/Germany Fax: +49 54 81-93 85-12 E-Mail: sales@meyle.de



Connections

Function	Cable Colours, 3A, 3R
0 Volt	black
+ Volt	red
A	green
B	white
0	yellow
$\overline{A}$	brown (only output A2)
$\overline{B}$	grey (only output A2)
$\overline{0}$	orange (only output A2)

ORDERING CODE

EINS40	Shaft Ø	Output Circuit	Output Signals	Connection	Resolution
	06 = 6 mm	A5 = Push Pull 5 to 26 VDC A2 = Line Driver 5 VDC, RS 422	9 = A+B+0	3A = shielded cable, 2 m, axial output 3R = shielded cable, 2 m, radial output	30, 50, 60, 100, 120, 127, 200, 250, 256, 300, 360, 400, 500, 512, 600, 720, 800, 900, 960, 1000, 1024

