

B-A-SH

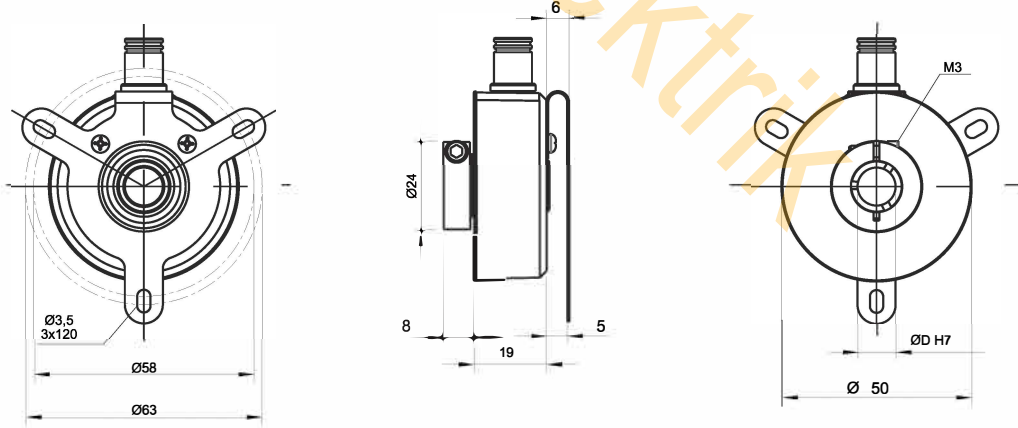
Optic Rotary Incremental Encoder

- 50 mm case diameter
- Hollow shaft
- 1024 ppr.
- Push-Pull, TTL Linedriver and HTL Linedriver outputs
- Shaft diameter 6 - 8 - 10 - 12 mm
- 3500 rpm max.



Technical Specifications

Resolution	1024 ppr.
Output Channels	A,B,Z or A,Ā, B,Ā, Z, Z̄
Output Type	Push-Pull, TTL Linedriver, HTL Linedriver
Supply Voltage	5V DC or 8-24V DC or 5-24V DC
Power Consumption (without load)	< 40 mA (24 VDC)
Cable	2.5m (Standard) 5 Wire + Shield for Pushpull 2.5m (Standard) 8 Wire + Shield for Linedriver
Max. Permissible Shaft Loading Radial	100 N
Axial	60 N
Max. Speed	3.500 rpm
Shaft Diameter	Ø6 - 8 - 10 - 12mm
Shaft Material	Stainless Steel
Case Diameter	Ø50 mm
Case Material	Aluminium and Painted Steel
IP Degree	IP 54
Operating Temperature	-20°C ... +80°C
Storage Temperature	-30°C ... +90°C



Push-Pull Cable Output

+V : Brown
0V : White
GND : Shield
Ch A : Yellow
Ch B : Green
Ch Z : Gray

TTL - HTL Linedriver Cable Output

+V : Brown
0V : White
GND : Shield
Ch A : Yellow
Ch B : Green
Ch Z : Gray
Ch A inv. : Blue
Ch B inv. : Red
Ch Z inv. : Pink