



α PRI50A

Features

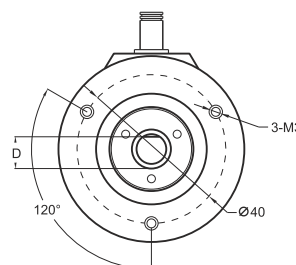
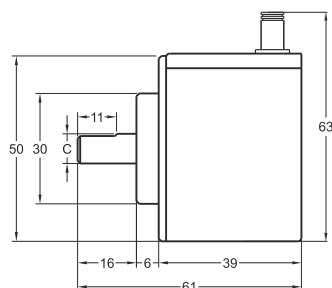
- 50 mm case diameter
- 100- 200- 360-400-500- 600- 720- 1000- 1024
1800 - 2000 - 2048 - 2500 - 3600 - 4000 - 4096 - 5000 ppr.
- Push-Pull, TTL Linedriver and HTL Linedriver outputs
- Shaft diameter 6- 8- 10 mm
- 3500 rpm max.



Technical Specifications

Resolution	100 to 5000 ppr.
Output Channels	A,B,Z or A \bar{A} , B \bar{B} , Z \bar{Z}
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 nA (24 VDC)
Cable	2.5m (Standard) 5 Wire+ Shield for Pushpull 2.5m (Standard) 8 Wire + Shield for Linedriver
Max. Permissible Shaft Loading	Radial 100N Axial 60N

Max. Speed	3.500 rpm
Shaft Diameter	Ø6-8-10mm
Shaft Material	Stainless Steel
Case Diameter	Ø50mm
Case Material	Aluminium and Painted Steel
IP degree	IP 54
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C



Shaft Type / Radial

PRI 50	R (shaft)	
	C	D
	Ø6mm	5,50mm
	Ø8mm	7,30mm
	Ø10mm	9,00mm

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

Model	Case Diameter	Case Type	Shaft Diameter	Output Type	Resolution	Output Channels	Supply Voltage	Connector / Cable	Cable Output
(example) PRI	50	A	R6	HLD	1024	Z	V2	2M5	R
PRI	50mm	A : Clamping flange	R6 : 6mm R8 : 8mm R10 : 10mm	LTP : Push-Pull LD : TTL Linedriver HLD : HTL Linedriver	100 ... 5000 ppr.	Z : A, B, Z B : A, B	V1 : 5V DC V2 : 8-24V DC V3 : 5-24V DC	2M5 : 2,5 meter cable 5M : 5 meter cable 8M : 8 meter cable 10M : 10 meter cable	R : Radial

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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