



α PRI40

Features

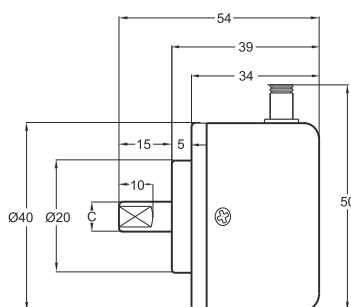
- 40 mm case diameter
- 100- 200- 360-500-600- 1000-1024 ppr.
- Push-Pull, TTL Linedriver and HTL Linedriver outputs
- Shaft diameter 4 - 6 mm
- 3500 rpm max.



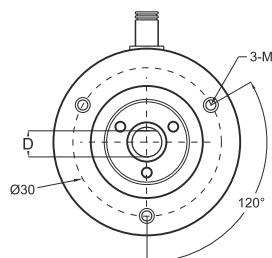
Technical Specifications

Resolution	1 00 to 1 024 ppr.
Output Channels	A,B,Z or A,Ā, B,Ī, Z,Ż
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	80N

Max. Speed	3.500 rpm
Shaft Diameter	Ø4-6mm
Shaft Material	Stainless Steel
Case Diameter	Ø40mm
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 40	R (shaft)	
	C	D
	Ø4mm	3.30mm
	Ø6mm	5.30mm

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	40	A	R6	HLD	1024	Z	V2	2M5	R
PRI	40mm	A : Clamping flange	R4 : 4mm R6 : 6mm	LTP : Push-Pull LD : TTL Linedriver HLD : HTL Linedriver	100 ... 1024 ppr.	Z : A, B, Z B : Ā, B̄ ZZ : Ā, B̄, Ż	V1 : 5V DC V2 : 8-24V DC V3 : 5-24V DC	2M5 : 2,5 meter cable 5M : 5 meter cable	R : Radial

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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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