

α PRI58A - B

■ Features

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



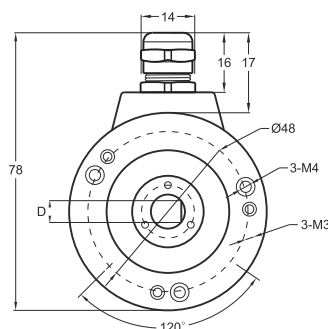
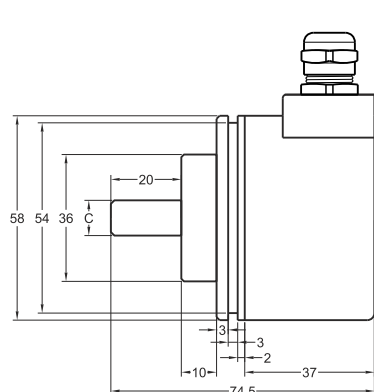
PRI A
Clamping flange

PRI B
Synchro flange

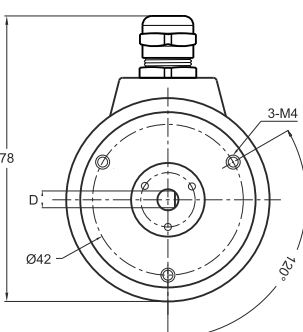
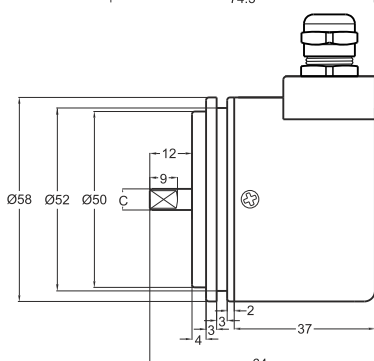
■ Technical Specifications

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 or 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	60 N
Axial	40 N

Max. Speed	3.500 rpm
Shaft diameter	Ø6-8-10 mm
Shaft material	Stainless Steel
Case diameter	Ø58 mm
Case material	Aluminium I Painted Steel
IP Degree	IP 50
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C



A Type (Clamping flange)



B Type (Synchro flange)

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.	: Ping

PRI 58	AR (shaft)		BR (shaft)	
	C	D	C	D
	Ø6mm	5mm	Ø6mm	5mm
	Ø8mm	7mm	Ø8mm	7mm
	Ø10mm	9mm	Ø10mm	9mm

Model	Case Diameter	Case Type	Shaft Diameter	Output Type	Resolution	Output Channels	Supply Voltage	Connector / Cable	Cable Output
(example) PRI	58	A	R8	HLD	1024	Z	V2	2M5	R
PRI	58mm	A : Clamping flange B : Synchro 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 C12 : 12 pin connector	R : Radial