

INCREMENTAL

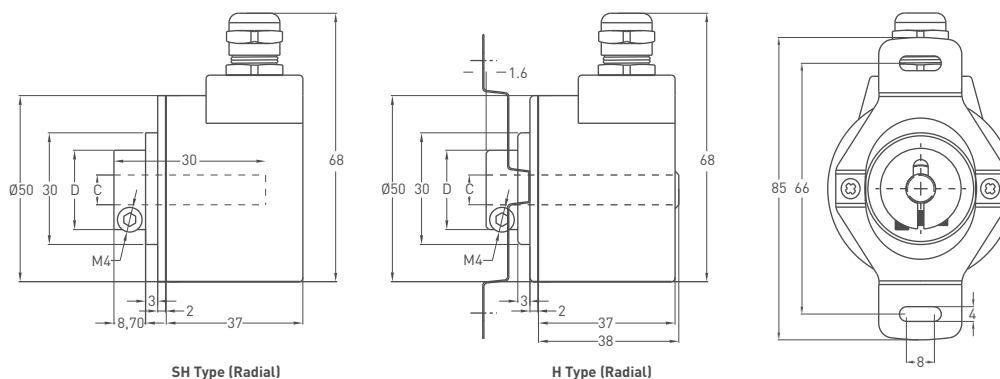
- 50 mm case diameter
- Hollow shaft and semi hollow shaft case
- 100 - 200 - 360 - 400 - 500 - 600 - 720 - 1000 - 1024
1800 - 2000 - 2048 - 2500 - 3600 - 4000 - 4096 - 5000 ppr.
- Push-Pull, TTL, Linedriver, HLD output
- Rod diameter 6 - 8 - 10 - 12 - 14 - 15 mm
- 3500 rpm max.



Technical Specifications

Resolutions	100 - 5000 ppr.
Output channels	A, B, Z veya A, B, Z̄
Output type	Push-Pull, TTL, Linedriver, HLD
Power supply	5 VDC or 5-24 VDC or 8-24 VDC
Power consumption (without load)	<40 mA (24 VDC)
Cable	2,5 meter (standard) 5 wire + shield (Push-Pull) 2,5 meter (standard) 8 wire + shield (Linedriver)
Max. permissible shaft loading: Radial	100 N
: Axial	60 N
Displacement speed	3500 rpm
Rod diameter	Ø6 - 8 - 10 - 12- 14 - 15 mm
Rod material	Stainless steel
Case dimensions	Ø50 mm
Case material	Aluminium and painted steel
Protection level	IP 54
Operating temperature	-20° ... +80°
Storage temperature	-30° ... +90°

Mechanical Specifications



PRI 50SH / H	SH (semi hollow shaft) / H (hollow shaft)	
	C	D
	Ø6mm	20mm
	Ø8mm	22mm
	Ø10mm	23,5mm
	Ø12mm	23,5mm
	Ø14mm	29,5mm
	Ø15mm	29,5mm

Push - Pull Cable Output

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

TTL - HLD 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

Ordering Procedure

Model	Case diameter	Case type	Rod diameter	Output type	Resolution	Output signal	Supply voltage	Connector / Cable	Cable output
PRI	50	SH	8	HLD	1024	Z	V2	2M5	R
PRI	50 mm	SH: Semi hollow H : Hollow shaft	6 : 6mm 8 : 8mm 10 : 10mm 12 : 12mm 14 : 14mm 15 : 15mm	LTP : Push-Pull LD : Linedriver HLD : High Linedriver TT : TTL	100 - 4096 ppr.	Z : A, B, Z B : A, B ZZ : A, B, Z̄	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

Please note: The specifications and information in this datasheet may not cover all special demands arising from specific applications. Therefore, they do not constitute a comprehensive description of the product properties. OPKON accepts no responsibility for damages resulting from the improper application of our products. The user is responsible for ensuring that the products used are suitable for their own application.